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FARM TRENDS

A summary of market and commodity news for the past week

by Dick Wanner

U. S. Pledges to Meet Farm Fuel Requirements

Fuel suppliers will be required to meet 100 percent of the farmer's needs, we were told this week by Ralph Jackson, executive vice president of the American Soybean Assn.

Jackson and Ad Blankestijn, vice president of FEDIOL (Federation of European Oilseed Processors) met this week with John Hill, deputy administrator of the Federal Energy Office for clarification of the rules and regulations regarding farm fuel supplies.

Federal regulations issued Jan. 15 provide for 100 percent of agriculture's current requirements for propane, butane, diesel fuel, gasoline and residual fuel. The regulations define agricultural activities as planting, cultivation, harvesting, processing and distribution of fiber, timber, tobacco, food intended for human consumption and animal feed.

Ships arriving in U.S. ports to load soybeans and other agricultural products will get the fuel they need to return to their destination, according to Ad Blankestijn. European nations are providing all the fuel ships need to get to U. S. ports.

"Until now, we have been concerned that the ships would not get enough fuel to return to Europe with agricultural products," said Blankestijn. All other cargo and freight are allocated 110 percent of their 1972 requirements.

"Requiring fuel suppliers to meet farmer's needs will help the farmer finalize his plans for 1974. Farming involves enough guess work without the fuel problem," said Jackson.

"I am sure that our farmers have taken necessary steps to ensure the proper use of fuel and will conserve energy whenever possible. These new regulations are necessary not only for the farmers, but for the nation. If the production and distribution of agricultural products is stopped or even slowed down, the nation itself must either stop or slow down in direct relationship to agriculture," said Jackson.

Preston Newcomer, left, is the newly elected director of the Mount Joy Farmers Cooperative. Reelected to the board at the group's annual meeting Thursday were Lewis Bixler, center, to a three-year-term, and Albert Fry, Jr., to a one-year term.

Mt. Joy Coop Members Meet

David Putney had some bad news and some good news for the Mount Joy Farmers Cooperative Association on Thursday during their annual meeting at Hostetter's Banquet Hall in Mount Joy. Putney, a Harrisburg attorney, works for the Mount Joy group as well as a number of other cooperative associations.

Putney's bad news was that the Internal Revenue Service is trying to change a long standing rule that makes farm cooperatives exempt from corporate income taxes. Patronage payments to members have always been taxable, Putney noted, but these payments would be reduced considerably if corporate taxes were deducted from the cooperatives' income.

Good news, at least for the cash basis farmers in the group, was that the IRS will now allow deductions from current year income for feed purchased one year and consumed the next. "However," Putney cautioned, "the expenditure must be a payment and not a refundable deposit, and there must be an agreement to deliver at a specific time and a specific place."

County Agent Maxwell M. Smith addressed the group, too, and urged the farmers to consider the public relations aspects of their farming operations. Smith stressed the need for maintaining clean, attractive farmsteads. He said as housing developments spring up in farming areas, farmers will have to cultivate friendly relations with their neighbors if they want to stay in business without constant complaints about the noise, odor and dust that go along with farming.

Lewis Bixler, president of

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Outlook Hopeful for State Pesticide Law

Pennsylvania's attempt at legislation regulating pesticide useage is moving closer to reality, according to Donald W. Parke, Executive Vice-President of PennAg Industries Association in comments before the Annual Lime, Fertilizer and Pesticide Conference at Pennsylvania State University, January 25.

While legislation has been considered for years by the General Assembly, progress was hampered by lack of details as to Federal amendments which would establish standards and guidelines for states to follow. With recent Federal legislation, this problem has now been largely eliminated, although many unknowns still have to be regulated.

"We hope H.R.-588 which has already passed the Pennsylvania House of Representatives unanimously will compromise the environmentalists, the agriculturalists, the Federal regulators, not to mention the poor taxpayer who will have to foot the bill for a whole new regulatory group," Parke said. "H.R.-588 was developed through the Department of Agriculture with the assistance of a committee of farmers, agribusiness leaders, educators and government. Every effort was made to obtain legislation which would conform to the Federal standards."

Details of the proposed legislation including licensing, registration, records, liability and penalties were covered by Parke as well as other legislative matters of interest to the fertilizer industry.

Alton Daw, left, took time out from a busy schedule Thursday to pose for a picture with Jeff Martin and the cow which is Jeff's 4-H project. Daw is staying with Jeff's family, the Robert Martins of New Holland, for a short time while he's in Lancaster County observing vo-ag and farming techniques.

Guyana Ag Teacher Observing Vo-Ag, Farm Programs Here

It's an accepted fact that America has a wealth of knowledge and experience to share with developing nations. We have marketing, transportation, political, communication, research and other systems with efficiencies unmatched anywhere else in the world. Observers come here to learn and to carry their observations back to their home countries. Today, the flow of information is largely outward from the U.S. to the developing nations. This is true in farming as well as other fields.

That flow may reverse some day, particularly if we must learn to deal with the problems of shortages rather

(Continued On Page 32)

Local Livestock Market, Auction News

Lancaster Market

Monday, January 21

	Cattle	Calves	Hogs	Sheep
Today	665	100	726	186
Last Monday	875	179	717	263
Last Year	406	115	826	215

CATTLE: Compared to last Wednesday, slaughter steers steady to weak, although Standard and low-Good strong to 50 higher; cows mostly steady, instances 50 lower; bulls and bullocks 1.00-2.00 lower, instances 3.00 lower on yield grade 2 bulls. Supply included 478 in afternoon auction.

SLAUGHTER STEERS: High-Choice and Prime 1075-1300 lb. 48.75-49.85; Choice 950-1325 lb. 47.60-49.25, few head Choice yield grade 2 49-85-50.85, couple 51.35-51.85; high-Good and low-Choice 45.75-48.50; Good 42.00-47.00; Standard and low-Good 40.00-43.25.

SLAUGHTER HEIFERS: Choice 850-1100 lb. 42.50-44.25; Good 39.75-42.00.

COWS: Utility and high-dressing Cutter 32.50-35.25, few 35.50-36.00; Cutter 32.00-34.00; Canner and low-Cutter 29.50-31.50.

BULLOCKS: Choice 900-1250 lb. 44.50-46.00, few 47.00-48.00; Good 42.00-44.00.

BULLS: Yield grade 1 1100-1800 lb. 44.00-46.75, few 47.00-48.85; yield grade 2 1000-1500 lb. 41.50-44.50, few 38.50-41.00.

VEAL CALVES: Vealers mostly steady.

VEALERS: Prime 78.00-82.00, couple 83.00; Choice 68 00-78.00; Good 59.00-68.00; Standard 49.00-59.00; Utility 90-120 lb. 40.00-47.00, 65-85 lb. 35.00-40.00.

SHEEP: Wooled lambs fully steady.

WOOLED LAMBS: Choice 65-105 lb. 39.00-41.00, few lots 41.50; Good 60-100 lb. 34.00-39.00.

New Holland Horse Auction

Monday, January 21

Reported receipts of 671 head of horses, mules and ponies. Market steady with last week's market

Load Kansas riding horses 145-500

Load Iowa riding horses 210-320

Load Illinois driving horses 155-520.

Load Illinois riding horses 190-320.

Two loads Kansas riding horses 170-620.

Load North Carolina riding horses 150-390

Load North Carolina work horses 410-690.

Load Ohio work horses 320-650.

Local work horses, 325-500, mules 165-215, driving horses 175-550; riding horses 165-200, better horses 250-515

Lightweight killers 18-20; heavyweight killers 22-25

Mare ponies 15-35; colts 6-12, geldings 15-30; larger ponies 55-85

Vintage Auction

Tuesday, January 22

	Cattle	Calves	Sheep
Today	778	518	13
Last Tuesday	575	500	8
Last Year	935	608	15

CATTLE: Compared to last Tuesday, slaughter steers uneven, Choice and Prime 1.00-2.50 lower, with yield grade 2 off the least, Good steady to 2.00 lower, standard and low-Grade strong to 1.00 higher; cows 50 higher, instances 1.00 higher; bulls 1.00-2.00 lower.

SLAUGHTER STEERS: Choice with a few Prime 950-1375 lb. 46.75-50.00, several - mainly yield grade 2 50.00-51.00, with about a dozen head 51.25-52.35; Choice 1350-1475 lb. yield grade 3-5 44.00-45.25; high-Good and low-Choice 45.25; Good 43.00-46.00; Standard and low-Good 40.00-43.00.

SLAUGHTER HEIFERS: Few Choice 850-1000 lb. 42.00-44.00, couple 46.00-46.75.

COWS: Utility and high-dressing Cutter 33.00-35.25, few 35.50-36.25; Cutter 32.50-34.50; Canner and low-Cutter 30.00-32.00.

BULLS: Yield grade 1 1100-1700 lb. 44.25-45.50, few 46.75-48.00; yield grade 2 1000-1500 lb. 41.75-44.00.

VEAL CALVES: Vealers steady to weak.

VEALERS: Prime 74.00-78.00; Choice 67.00-74.00; Good 59.00-67.00; Standard 48.00-57.00; Utility 90-120 lb. 42.00-47.00, 65-85 lb. 38.00-42.00.

RETURNED TO FARM: Couple lots 80-95 lb. Holstein heifers 89.50-90.00, bulk 100-125 lb. Holstein heifers 60.00-64.00; bulk 100-125 lb. bull calves 65.00-75.00.

SHEEP: Few head Choice and Prime 50-65 lb. new crop lambs 50.50-54.00.

SLAUGHTER EWES: Utility and Good 15.00-19.00.

New Holland Dairy Auction

Wednesday, January 23

Reported receipts of 55 cows, 11 heifers and two bulls. Market steady with last week's market.

Load Pennsylvania cows, springers 660-1085.

Load New York State cows, fresh 560-710; springers 530-660.

Locally consigned cows, 450-920; Springing heifers, 430-535; Open heifers 255-335; Bulls 535-545.

Lebanon Valley Livestock

Tuesday, January 22
Cattle 305

Compared with last Tuesday's market, slaughter steers grading Good & Choice steady to 75 cents lower. Slaughter cows about steady. Slaughter bulls 25 cents to $1.25 lower. Choice 1100-1350 pounds slaughter steers 46.85-48.25, couple to 49.00, Good 44.00-46.25, Standard 42.00-43.35, few Standard 40.10-41.00, few Utility 36.85-38.00. Utility & High Dressing Cutter slaughter cows 33.85-36.25, Cutters 32.75-34.00. Canners 30.00-33.00, Shells down to 27.00. Few Choice slaughter bullocks 45.35-47.75, Good 43.60-45.00, Standard 41.50-43.50; Yield Grade 1-2 1500-2100 pounds slaughter bulls 43.00-45.00.

Calves 230

Choice vealers 65.00-71.00, Good 60.00-67.00, Standard 51.00-62.00, Utility 90-120 pounds 40.00-44.00, 70-85 38.00-40.00. Farm calves, Holstein bulls 90-120 50.00-72.00; Holstein heifers 100-140 81.00-102.00, individual at 110.00.

Sheep 6

Few Choice 100-125 pounds wooled slaughter lambs 35.00-38.00.

Local Grain

Thursday, January 24

These prices are made up of the average prices quoted by five participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel, except for ear corn which is per ton.

The average local grain prices quoted Thursday, January 24, 1974, are as follows:

	Bid+	Offered+
Ear Corn, New	66.00	74.00
Shelled Corn	2.94	3.19
Oats, Local	1.25	1.79
Oats, Western	1.95	2.12
Barley	2.47	2.86
Wheat	4.51	4.66
Soybeans	5.49	5.90

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

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Lancaster Auction

Wednesday, January 23

	Cattle	Calves	Hogs	Sheep
Today	749	96	574	22
Last Week	774	77	660	17
Last Year	984	67	464	1
Wed's Auction	561	97	654	22
Last Wed.'s Auction	728	94	623	17

CATTLE: Compared to Monday, slaughter steers 1.00-1.50 lower, instances 2.50 lower on yield grade 3-5 1350-1500 lb., although Standard mostly steady; cows mostly 50 higher, instances 1.00 higher; bulls strong to 1.00 higher, instances 1.50 higher on yield grade 2.

SLAUGHTER STEERS: Few Prime 1050-1200 lb. yield grade 2-4 48.00-49.00, one lot 1275 lb. yield grade 4-5 45.35; Choice 950-1300 lb. 47.00-48.35, couple loads Choice yield grade 3-5 1350-1500 lb. 43.00-44.00; high-Good and low-Choice 45.00-47.00; Good 42.50-45.60; Standard and low-Good 39.50-43.00.

SLAUGHTER HEIFERS: Choice 850-1000 lb. 43.00-45.00; Good 40.00-42.00.

COWS: Utility and high-dressing Cutter 33.50-36.00, few 36.25-36.85; Cutter 33.00-34.85; Canner and low-Cutter 30.00-32.50.

BULLOCKS: Few Choice 48.00-49.50, and a few Good 46.00-47.00.

BULLS: Yield grade 1 1100-1700 lb. 45.00-48.25, few 48.35-49.50, individual 1530 lb. 50.25 and 2050 lb. 53.10; yield grade 2 1000-1500 lb. 41.75-45.00.

VEAL CALVES: Vealers strong to 2.00 higher.

VEALERS: Prime 78.00-83.00, couple 85.00-87.00; Choice 70.00-80.00; Good 60.00-69.00; Standard 52.00-60.00.

SHEEP: Small lot Choice and Prime 78 lb. new crop lambs 50.00, and lot Good and Choice 77 lb. wooled lambs 38.50.

Regional Hay Prices

Monday, January 21, 1974

(All hay No. 2 and better prices paid by dealers at the farm price per ton.)

Hay steady to $5 higher, straw steady.

Alfalfa	60.00-65.00
Mixed Hay	40.00-50.00
Timothy Hay	30.00-45.00
Straw	35.00-38.00
Mulch	20.00-26.00

New Holland Auction

Thursday, January 24

	Cattle	Calves	Sheep
Today	701	452	21
Last Thurs.	1026	512	14
Last Year	928	425	10

CATTLE: Compared to last Thursday, slaughter steers uneven, Choice and Prime weak to 50 lower, Standard and low-Good 50-1.00 higher; cows 50-1.00 higher, instances 1.50 higher on Utility; bulls steady to strong, with small supply bullocks 1.00-1.50 higher.

SLAUGHTER STEERS: High-Choice and Prime 48.25-49.00; Choice 950-1300 lb. 46.60-49.00, few 49.00-49.50; high-Good and low-Choice 45.50-47.00; Good 43.00-46.00; Standard and low-Good 40.00-43.50, few low Standard 37.00-39.50.

SLAUGHTER HEIFERS: Choice 850-1050 lb. 42.50-44.50.

COWS: Utility and high-dressing Cutter 34.00-37.00, few 37.00-37.85; Cutter 32.50-35.50; Canner and low-Cutter 30.00-32.50.

BULLOCKS: Choice 900-1250 lb. 47.00-48.25, couple 49.00; Good 43.50-46.50.

BULLS: Yield grade 1 1100-1600 lb. 44.50-47.00, few 47.60-49.50, individual 49.85; yield grade 2 1000-1500 lb. 42.25-45.00, few 40.00-42.00.

VEAL CALVES: Vealers fully steady, instances 2.00 higher on Prime and Utility.

VEALERS: Prime 78.00-82.00, few 82.00-85.00; Choice 69.00-78.00; Good 60.00-68.00; Standard 51.00-60.00; Utility 90-120 lb. 41.00-47.00, 64-85 lb. 35.00-41.00.

Monday, January 21, 1974

Calf Receipts 96.

Choice and Prime 68-77; Standard 51-57.50; Good and Low Choice 58-67.50; Common 30-50.50.

Monday, January 21, 1974

52 loads of hay and 19 loads of straw sold as follows:

Alfalfa 46.00-80.00; Timothy, few loads 34.00-51.00; Mixed hay 40.00-79.00; Hay 38.00-60.00; Clover, few loads 48.00-54.00; Orchard Grass, one load at 46.00; Straw 43.00-54.00; Ear Corn, one load at 77.00.

Green Dragon Hay

Friday, January 18

96 loads of hay, including: Alfalfa 53.00-72.00, few to 89.00; Timothy 34.50-51.00; Mixed hay 34.00-51.00, few 63.00-93.00; Clover, few loads 32.00-41.00; Stubbly hay, two loads 37.00 and 47.00.

33 loads straw 46.00-52.00.

Corn, four loads 74.00-79.00.

Composite Report

Weekly, January 25

	Cattle	Calves
This Week	3300	1200
Last Week	3680	1270
Last Year	4034	1260

CATTLE: Slaughter steers uneven, Good to Prime around 1.00 lower, instances 1.50-2.50 lower, most of the decline on yield grade 3-5 over 1300 lb.; cows 50-1.00 higher, some sales 1.50 higher; bulls steady to strong, with bullocks 1.00-1.50 higher. Supply included an estimated 40 per cent slaughter steers, 30 per cent cows, 15 per cent bulls, with the balance mainly feeder steers.

SLAUGHTER STEERS: High-Choice and Prime 1050-1300 lb. 48.00-49.85; Choice 950-1300 lb. 46.60-49.00, few early part of week 49.00-50.00, with about a dozen head 51.25-52.35; Choice 1350-1500 lb. yield grade 3-5 43.00-45.25; high-Good and low-Choice 45.00-47.00; Good 42.50-46.00; Standard and low-Good 40.00-43.50, few low-Standard 37.00-39.50.

SLAUGHTER HEIFERS: Choice 850-1050 lb. 42.00-45.00, couple 46.00-46.75; Good 39.75-42.00.

COWS: Utility and high-dressing Cutter 33.50-37.00, few 37.00-37.85; Cutter 32.50-35.50; Canner and low-Cutter 30.00-32.50.

BULLOCKS: Choice 900-1250 lb. 45.00-48.25, few 48.25-49.50; Good 42.00-45.50.

BULLS: Yield grade 1 1100-1600 lb. 44.50-48.00, few 48.00-49.85, individual 2050 lb. 53.10; yield grade 2 1000-1500 lb. 41.75-45.00, few 38.50-41.00.

VEAL CALVES: Vealers strong to 2.00 higher. Demand fair for calves returned to farm.

VEALERS: Prime 78.00-83.00, few 84.00-87.00; Choice 69.00-78.00; Good 60.00-69.00; Standard 51.00-60.00; Utility 90-120 lb. 41.00-47.00, 65-85 lb. 35.00-42.00.

RETURNED TO FARM: Couple lots 80-95 lb. Holstein heifers 89.50-90.00; bulk 100-125 lb. Holstein heifers 60.00-70.00; bulk 100-125 lb. bull calves 65.00-75.00.

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HOG PRICES

Lancaster Market

Monday, January 21

HOGS: Barrows and gilts steady to mostly 50 lower.

BARROWS AND GILTS: US 1 200-240 lb. 45.00-45.50; US 1-2 200-240 lb. 44.00-44.50; US 2-3 195-250 lb. 43.25-43.75; US 3-4 245-265 lb. 42.50-43.00.

Vintage Auction

Saturday, January 19

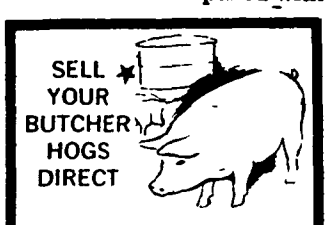
HOGS 816: Compared with last Saturday's market. Barrows & Gilts mostly 50 cents lower. US No. 1-2 190-235 lbs. 44.60-45.10, 2 lots 45.50, No. 1-3 195-245 lbs. 44.25-44.85, No. 2-3 190-260 lbs. 43.50-44.25, No. 2-4 265-360 lbs. 37.00-41.50, No. 2-4 130-150 lbs. 36.10-36.85.

SOWS: US No. 1-3 300-555 lbs. 35.00-37.00. Boars 32.10-33.50; few light weights 38.00-38.75.

Wednesday, January 23

HOGS 375: Compared with last Wednesday's market. Barrows & Gilts 50 cents to $1 higher. US No. 1-2 200-240 lbs. 45.00-45.60, few to 46.00, No. 1-3 200-255 lbs. 44.00-45.00.

SOWS: US no. 1-3 300-575 lbs. 37.00-39.00, No. 2-3 300-600 lbs. 34.00-36.00. Boars (Heavy Weights) 31.00-32.00; (Light weights) 34.00-38.00.



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Leb. Valley Auction

Tuesday, January 22

Hogs 469

Barrows & Gilts steady to 50 cents higher. US 1-2 190-225 pounds barrows & gilts 44.60-44.85, 1-3 200-230 43.85-44.75, 185-190 42.10-43.00, 2-3 220-255 43.25-43.60. US 1-3 350-450 pounds sows 35.00-36.00, 2-3 400-550 33.10-35.25. Few Boars 31.00-34.25.

Feeder Pigs 8

One Lot US 1-3 65 pounds feeder pigs 29.50 per head.

Lancaster Auction

Wednesday, January 23

HOGS: Barrows and gilts mostly 1.00 higher.

BARROWS AND GILTS: US 1 200-230 lb. 46.10-46.50; US 1-2 195-240 lb. 44.85-45.25; US 2-3 175-250 lb. 44.25-44.75; US 3-4 245-260 lb. 43.60-43.85.

New Holland Auction

Monday, January 21

HOGS 1300: Compared with last Monday's market. Barrows & Gilts mostly 50 cents lower. US No. 1-2 200-240 lbs. 44.50-46.50, No. 1-3 200-245 lbs. 43.75-44.50, No. 2-3 200-260 lbs. 42.00-43.75, No. 2-4 150-190 lbs. 41.00-43.75.

SOWS: US No. 1-3 300-550 lbs. 34.00-37.00. Boars 33.00-36.00.

St. Louis Auction

HOGS: 6500.

Barrows and gilts 75-1.00 lower.

BARROWS AND GILTS: US 1-2 200-230 lb. 42.50-42.75; US 1-3 200-240 lb. 42.00-42.50.

Peoria Auction

HOGS: 4500.

Barrows and gilts mostly 1.00 lower.

BARROWS AND GILTS: US 1-2 200-230 lb. 42.00-42.50; US 1-3 200-240 lb. 41.50-42.00.

Indianapolis Auction

HOGS: 2500.

Barrows and gilts 25 to 50 lower, trading rather slow.

BARROWS AND GILTS: US 1-2 200-230 lb. 42.75-43.00, 25 head at 43.25; US 1-3 200-240 lb. 42.00-42.75, 240-260 lb. 41.00-42.25.

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Peoria Cattle

Thursday, January 24

CATTLE: Receipts this week 5800: Compared to last week 5524, and to last year 5175.

Compared with last weeks close, slaughter steers uneven, 1.00-2.00 lower with some yield grade 4-5, 3.00-4.00 lower. Slaughter heifers 1.00-2.00, instances 3.00 lower. Cows 50-1.50 lower. Bulls steady to weak. Receipts about 60 percent slaughter steers, 25 percent slaughter heifers and the balance mostly cows.

SLAUGHTER STEERS: Choice and Prime 1150-1275 pounds yield grade 3-4, 44.00-47.25; same grade 1250-1450 4-5, 42.00-44.00. Choice 950-1200 2-4, 46.50-48.25; Load 48.50; Early, 47.50-49.50 with few 950-1100 2-3, 50.00-50.50; half load 51.00. Few Choice late 1150-1300 3-4, 44.00-46.50. Mixed Good and Choice 900-1300 45.00-46.50. Good 42.00-45.00. Standard and Good Holsteins early 43.00-44.00; Couple loads Good 44.50.

SLAUGHTER HEIFERS: Choice and Prime 900-1100 pounds yield grade 3-4, 45.00-46.00; same grade 1000-1150 4-5, 40.00-43.00. Choice 800-1050 2-4, 44.50-46.50; load 47.00. Couple loads early 48.75-49.00. Mixed Good and Choice 750-1150 43.50-45.00. Good 39.00-43.50.

COWS: Utility and Commercial 26.00-31.50. High dressing Utility 32.00-33.00; Few 33.50. Cutter 24.50-30.00. Canner 22.00-25.00.

BULLS: Yield grade 1-2, 1100-1800 pounds 37.00-40.00. Few yield grade 1, 41.00.

Futures Trading

(Closing bids as of Thursday, January 24)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
January				
February	48.65	44.10		63.05
March			10.35	56.85
April	52.07	43.80	11.40	50.70
May			12.70	47.40
June	52.80	46.60		46.05
July		46.85		47.35
August	51.40	45.50		
October	50.35	43.90		
November			5.95	
December	50.30	44.00		

Trend — Cattle are Lower, Hogs are Lower, Potatoes are Lower, and Eggs are Lower.

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

Omaha Cattle

Thursday, January 24

Compared with last week's close: prices on slaughter steers and heifers 50-1.25 lower through midweek with closing trade on modest supply 2.50-3.00 lower. Cows strong to 50 higher. Bulls strong to 1.00 higher. Small feeder supply weak to 1.00 lower.

Four day receipts 25,700 as compared 23,300 previous week and 17,000 a year ago.

STEERS: On Monday and Tuesday, high-Choice and Prime 1057-1286 pounds yield grade 3-4 49.00-49.50 with several loads same grade 1100-1225 3-4 48.50-49.00. At midweek, some 1260-1300 3-5 48.00-48.25. Choice 1000-1250 2-4 closed 45.00-46.75, part load 47.50-48.00, mixed Good and Choice 1000-1225 44.50-45.00. Good 42.00-44.50. Standard and low-Good 40.50-42.00.

Average cost slaughter steers first three days 47.92 average weight 1151 pounds as compared 47.40 and 1143 previous week and 41.62 and 1131 a year ago.

HEIFERS: Early, a load high-Choice and Prime 970 pounds yield grade 3-4, 49.00, others same grade 940-1072 47.50-48.50. Late, Choice 850-1050 2-4 43.50-45.00, part load 1050 46.50. Mixed Good and Choice 800-1000 43.00-44.00. Good 40.00-43.00. Standard and low-Good 38.00-40.00.

COWS: Utility and Commercial 29.50-32.00, a few Utility diarybreds 32.25-32.50. Canner and Cutter 26.50-30.00. Mixed Cutter and low-Utility 30.25-31.00. Shelly Canner 24.50-26.00.

BULLS: Yield grade 1 & 2 1400-1800 pounds 39.00-41.50, few yield grade 1 42.00-42.50.

FEEDERS: Supply mainly fleshy two-way steers, these steady to weak early, but closing 100 lower as fat cattle market declined. Outshipments from regular market trade approximately 2200, little change from previous week.

Oklahoma City

Thursday, January 24

Extimated receipts 8,300
Same day last week 12,327
Same day last year 13,337

Moderately active, feeder cattle and calves generally steady with the weeks decline; majority receipts Good and Choice 400-850 pound steers and 400-650 heifers; Supplies include liberal supply cattle arriving from wheat pastures; fairly large attendance buyers.

FEEDER STEERS: Few Choice 368-390 pound 58.50-60.00, part load 333 at 63.50; 400-500 56.00-59.50, part load and small lot 408-438 62.50; 500-600 52.00-56.50 600-700 50.50-55.00; 700-800 48.00-53.30; 800-933 46.50-49.80; Mixed Good and Choice 300-500 51.50-55.25; 500-700 49.00-52.75; 700-950 44.50-48.00.

HOLSTEIN STEERS: Good 800-1000 pound 41.50-43.90.

FEEDER HEIFERS: Few Choice 318-338 pound 49.00-51.25; 400-500 46.00-48.25; 500-600 45.25-48.50; 600-700 44.00-46.00 few 700-811 43.75-45.00; mixed Good and Choice 300-500 44.00-47.00; 500-687 43.00-45.00; few Good 467-660 38.25-42.75.

New York Dressed Meats

Daily distributive - less than carlot meat trade.

Compared with Wednesday: Prices generally weak for railstock classes and pork with bulk these fresh meats sold as carcass primal cuts or listed pork cuts bulking low quotation.

Steer Beef

Prime 600-900 pounds 82.00-83.00; Choice 600-700 82.00-83.00; 700-800 81.00-82.00; 800-900 80.00-81.00; Good 500-800 78.00-80.00.

Heifer Beef

Choice 500-700 pounds 81.50-83.00.

Calf (skin off) 150-350 pounds

Choice 98.00-105.00; Good 87.00-97.00; Standard 82.00-86.00.

Veal (skin off)

Choice 90-150 pounds 114.00-120.00; Good 60-90 105.00-112.00; Standard 60-120 85.00-90.00.

Lamb

Choice and Prime: 30-55 pounds 85.00-87,00; 55-65 83.00-85.00.

Choice Beef Cuts

Hinds (steer) 145-190 pounds 92.00-94.00; Arm Churck 90-105 74.00-78.00; Ribs (7-rib) 34-40 80.00-90.00; Loins (trmd) 50-70 100.00-103.00; Rounds (steer) 70-95 94.00-97.00; Full Plates 45.00-48.00; Hinds (heifer) 120-170 90.00-92.00.

Fresh Pork Cuts

Loins (regular) 8-14 pounds 87.00-90.00; 14-17 85.00-89.00; Picnics (regular) 4-8 55.00-58.00; Boston Butts 4-8 67.00-69.00; Spareribs 3 pounds down 80.00-85.00; Hams (skinned) 14-17 73.00-75.00; 17-20 68.50-73.00.

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week To Date	499,000	1,252,000	142,000
Same Period Last Week	481,000	1,211,000	124,000
Same Period Last Year	483,000	1,242,000	144,000

CHIANINA

FOLBO 1825 ACA No. 30 - "The Godfather Bull" - Calved 4/12/70, Wt. 136 lbs; Wt. 2210 lbs. 12/4/72; Wt. 2400 lbs. 4/10/73; Wt. 2445 lbs. 5/23/73. Height. 72", Length. 66", Heart Girth: 95". Presently the largest framed bull in North America, Folbo has sired 36 calves with average weight of 85 lbs. **SEMEN: $18.00**

FUSCO 2221 ACA No. 33 - Calved 7/4/70, Wt. 94 lbs.; Wt. 1900 lbs. 9/1/72; Wt. 2240 lbs. 4/10/73. A fast-growing, smooth bull with good conformation, Fusco has sired 30 calves with an average weight of 88 lbs **SEMEN: $15.00**

FUSCO

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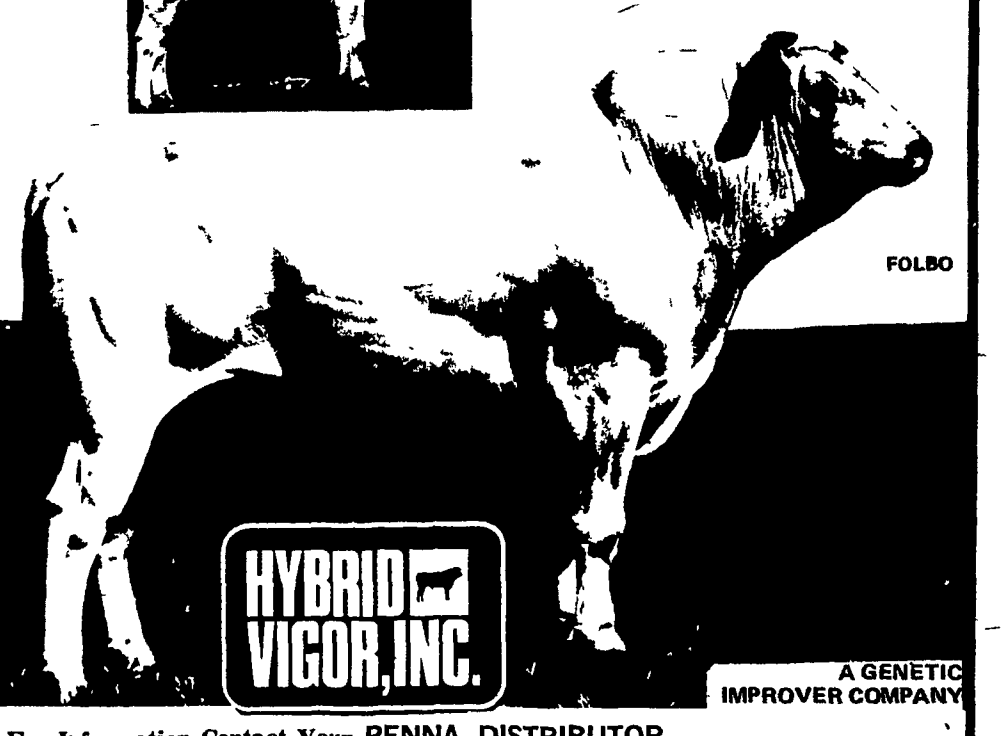

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Poultry Market Reports

WEEKLY NEW YORK EGG MARKET

From Monday, January 21st to Friday, January 25th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Lge.	76	76	76	76	76
Large	76	76	76	76	76
Mediums	74	74	74	74	74
Pullets	69	69	69	69	69
Peewees	52	52	52	50	50
BROWN					
Fcy. Lge.	81	81	81	81	81
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Lge.	71	71	71	71	71
Checks	48	49	50	50	50

Long Tone — Generally steady with retail orders off in more plants.

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NEST RUN EGGS

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradeable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Tuesday	Thursday
Extra Large	51 lbs.	0	0
Class 1 - Large	48 lbs.	70	70
Class 3 - Medium	42 lbs.	67	67
Class 4 - Small	39 lbs.	61	61
Breaking Stock	48 lbs.	59	63
Checks	48 lbs.	51	53

Baltimore Eggs

Wednesday, January 23

Market steady. Demand irregular ranging slow to fairly good. Supplies adequate.

Prices to retailers: State graded, minimum one case sale, white eggs, in cartons: A Large 83-89 mostly 83-85; A Medium 81-87 mostly 81-83.

Philadelphia Eggs

Wednesday, January 23

Prices unchanged. Cartoning demand mixed ranging fair to good. Offerings adequate though clearing on all sizes. Undertone steady though cautious."

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, Delivered: Store Door.

A Extra Large 81-82½; A Large 80-81½; A Medium 76-77½.

Eastern Pa. & N.J.

Wednesday, January 23
Live Poultry

Prices unchanged to lower on light type hens. Demand fair for lighter offerings. Most plants still operating near capacity on previous bookings. Offerings of heavy type hens adequate for a fairly good interest.

Prices at farm: Light type hens 6-9, mostly 8-9 in PA; mostly 8-9 in NJ.

Fogelsville

January 15, 1974

(Prices paid dock weights cents per lb.)

Hens, light type 7-12: Hens, heavy type 8-26, mostly 14-25; Pullets 20-30, mostly 14-25; Pullets 20-30, mostly 22-27; Roasters 20-31, mostly 20-30; Capons 32-37; Ducks 50½-60, mostly 54-58; Drakes 53-71, mostly 65-70; Geese 48-56; Turkeys, Toms 24-32; Rabbits 40-78, mostly 70-78; Guineas 85-90; Pigeons (Per pair) 1.20-3.01.

Total coops sold 392.

Poultry received Monday 7 p.m. to 10:30 p.m. Tuesday 7 a.m. to 12 Noon. Sale at 11:30 a.m.

Directions — Take Rt. 22 thruway. Exit at Fogelsville exit. North on stoplight in Fogelsville, turn left, proceed 1 mile.

Tuesday, January 22, 1974

Hens, light type 7-12; Hens, heavy type 14½-33, mostly 20-27; Pullets 25-33½; Roasters 23-35, mostly 25-33; Capons 24-40, mostly 38-40; Ducks 51-60, mostly 58-60; Drakes 61-69, mostly 65-69; Geese 56; Turkeys - toms 10-31; Turkeys - hens 46-52; Rabbits 40-81, mostly 78-80; Guineas 88-90; Pigeons (per pr.) 1.20-3.05.

Total coops sold 408.

Delmarva

Wednesday, January 23
Broiler-Fryer Market

Ready to cook movement continues good though occasionally reported slightly less aggressive as prices become more competitive in some quarters. Slaughter schedules generally heavy in an effort to fill full needs. Less than trucklot prices irregular ranging 1 cent higher to 1 cent lower on both plant and US Grade A. Early advance trading fair though often lacking desired aggressiveness. Live supplies fully adequate overall though in instances weights lighter than desired. Undertone steady.

Negotiated trucklot prices 2-3 pound ready to cook broiler-fryers for delivery next week: Plant Grade 41.

Pool trucklot prices for Thursday arrival: US Grade A 42-46; Plant Grade 41-44, mostly 42-43.

NEW ENGLAND WEEKLY SHELL EGG REPORT

Tuesday, January 15, 1974

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EX LARGE	LARGE	MEDIUM	SMALL
MASS+	78-83	78-82	76-82	62-71
Mostly	79-82	78-81	78-81	
NEW HAMP	78-85	77-84	75-83	67-74
Mostly	80-81	79-80	78-79	69-70
R. I.	83-84	82-83	82-83	71-72
Mostly VERMONT	81-88	80-87	80-87	TOO FEW
Mostly MAINE	81-83	80-82	80-82	69-71
Mostly				

+Includes Central & Western Sections Only.

Recordkeeping is a part of being a 4-H'er. Each girl and boy does a record in each project he takes, a personal record, and a permanent record which summarizes all projects, exhibits, offices held, events attended, and activities for the year. For more information about the 4-H program, contact your county agent.

Mt. Joy

(Continued From Page 1)

the cooperative, squelched rumors that the directors were considering dropping small producers. "We're definitely not dropping anybody," he said. "We are, however, going to work on ways to increase direct hauling."

Manager Sim Horton had the comforting message that cooperative members would be paid as much or more for their milk as non-members were getting from local producers. All of the Mount Joy group's output is marketed through the Lehigh Cooperative in Allentown.

Richard Allison, Lehigh president, in his address to the group illuminated the dark mysteries of base excess plans, support price calculations, the Minnesota-Wisconsin series, the Commodity Credit Corporation role in surplus milk marketing, and farm income parity.

One new member was elected to the cooperative's board of directors during the meeting. He is Preston Newcomer, Mount Joy RD1, and he will serve a three-year term. Reelected to a three-year term was Lewis Bixler, Marietta RD1. Reelected to a one-year term was Albert Fry, Jr, Manheim RD2.

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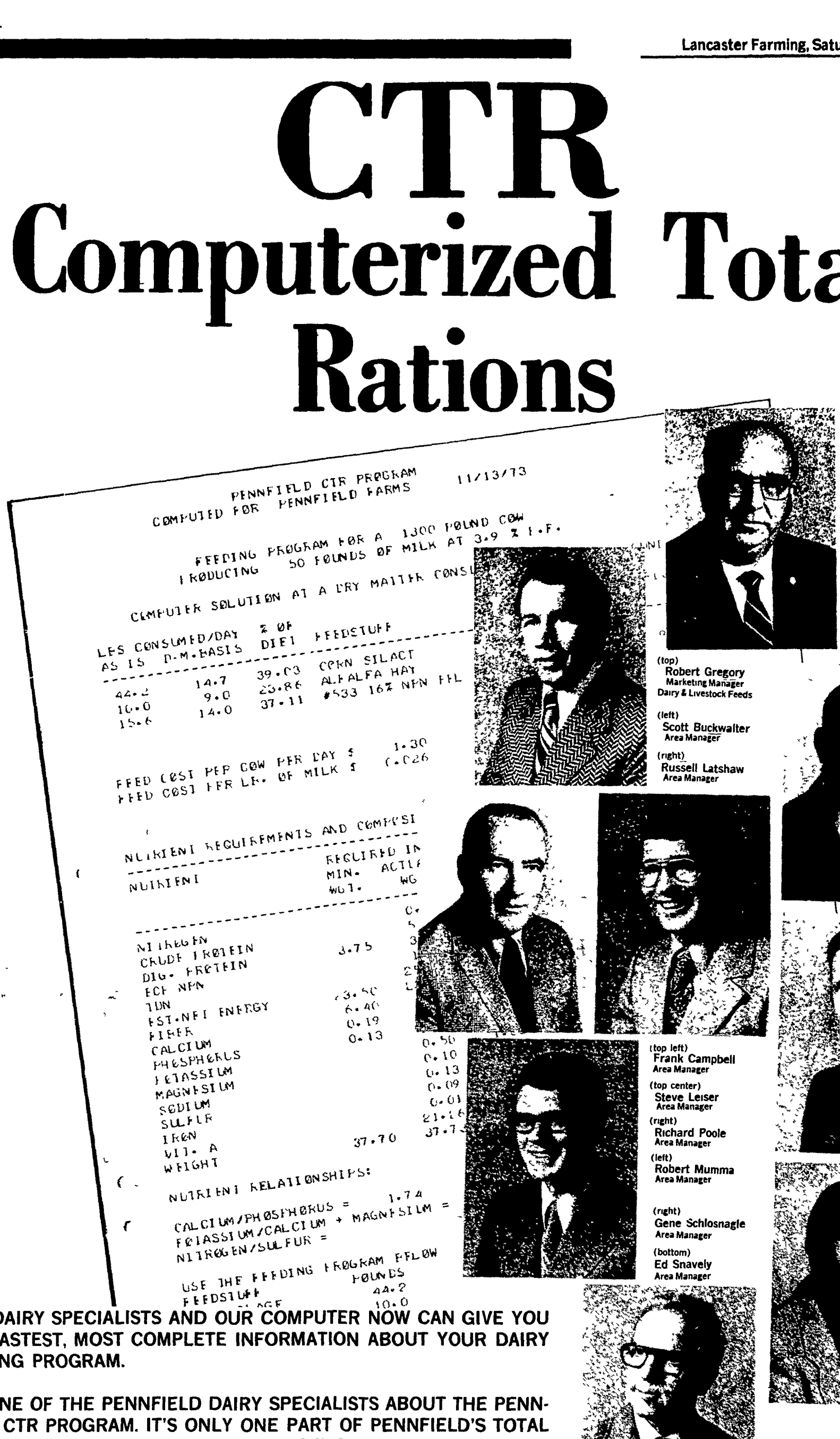

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THE OLD FARMER'S ALMANAC

JAN. 28-FEB. 3, 1974

Anything the weather does is better than it was.

Fell timber now . . First "Lone Ranger" broadcast Jan. 30, 1933 . . First quarter of the moon Jan. 31 . . . Groundhog Day Feb 2, (If he sees his shadow there'll be six more weeks of winter) . . Average length of days for week, 9 hours, 54 minutes . . U S. Income Tax became law Feb. 3, 1913 . . . Herring spawning and raccoons mating now . . If you suspect a man, don't employ him, if you employ a man don't suspect him

Old Farmer's Riddle: What has arms and legs, but no head? (Answer below)

Ask the Old Farmer: Where does the saying "living high off the hog" come from? J.D , St. Paul, Minn.

Credited to Edgar Wilson (Bill) Nye, but probably originated in ancient Rome, where slaves ate pigs' feet and lower legs, but the gentry got their cuts "high on the hog." Means good living

Home Hints: Use oven cleaner to clean the outside of an iron skillet. Pastry will roll more easily if your rolling pin is cold. *Riddle answer: A chair*

OLD FARMER'S WEATHER FORECASTS

New England: Mixed rain and snow to start, then just rain by midweek, light snow and very cold latter part

Greater New York-New Jersey: Rain and cold at first, then becoming slightly warmer, moderately heavy rain changing to light snow by week's end.

Middle Atlantic Coastal: Week begins rainy, then partly clear, moderately heavy rain latter part, then cold with intermittent flurries

Southeast Coastal-Piedmont: Rain first part of week with high temperatures in low 60s, clear and cold end of week

Florida: Week begins clear and very warm, then rain, end of week clear and cool, then becoming warmer.

Upstate & Western N.Y.-Toronto & Montreal: Partly cloudy at first, then rain mixed with snow, light snow latter part with 5-7 in Montreal

Greater Ohio Valley: Mild with light rain to start, then colder with light rain becoming mixed with snow, week ends cloudy and cold with flurries

Deep South: Week begins partly sunny, then rain, generally clear latter part and becoming mild

Chicago and Southern Great Lakes: Light snow at first, then snow changing to mixed rain and snow, flurries latter part, then clear and mild

Northern Great Plains-Great Lakes: Mostly cloudy with light snow to start, light snow or intermittent flurries continuing to end of week

Central Great Plains: Partly cloudy with intermittent light snow at first, 1-3 snow in west and north, week ends clear and very warm

Texas-Oklahoma: Increasing clouds to start, then rain, week ends clear and mild

Rocky Mountain Region: Week begins with showers in east and north and 2-4 snow in central, then clearing throughout, clear and warm latter part, then light rain in north and showers in central

Southwest Desert: Clear and warm first part of week with highs near 80, partly cloudy latter part with highs near 70, then clearing and even warmer

Pacific Northwest: Rain all week, heavy snow in northern mountains by midweek and end of week

California: First part of week sunny and warm, showers in north latter part and cooler with rain in south

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Pa. Auction Summary

Weekly Summary
19 Livestock Markets
Week Ending January 18

CATTLE 6255. Compared with 5986 head last week, and 6172 head a year ago. Compared with last week's market, slaughter steers uneven, mostly 50 cents higher, with instances on Choice & Prime $2 lower. Slaughter cows 25 cents to $1.50 higher. Slaughter bullocks steady to $1 lower. Slaughter bulls 25 cents to 75 cents lower.

STEERS: High Choice & Prime 48.50-49.85, Choice 46.10-50.20, Good 42.50-47.10, Standard 40.00-44.00, Utility 37.00-41.00.

HEIFERS: Choice 42.75-46.00, Good 40.00-43.50, Standard 38.00-42.50, few Utility 36.00-39.25.

COWS: Utility & High Dressing Cutter 33.00-36.25, Cutter 31.00-34.35, Canner 29.35-33.10, Shells down to 25.00.

BULLOCKS: Choice 44.85-48.35, Good 42.50-46.00, Standard 39.75-43.60, Utility 36.85-40.85.

BULLS: Yield Grade 1-2 1000-2000 pounds 41.00-47.00. Good 300-900 feeder steers 42.25-53.50.

CALVES 3744. Compared with 3805 head last week, and 3720 head a year ago. Vealers steady to $3 higher.

VEALERS: Prime 76.00-82.00, Choice 66.00-78.00, Good 61.00-71.50, Standard 50.00-62.00, Utility 90-120 pounds 40.00-51.00, 70-85 35.00-42.00. Farm calves, Holstein bulls 85-120 44.00-69.00; heifers 80-140 47.00-93.00; beef cross bulls & heifers 70-119 50.00-70.00.

HOGS 6574. Compared with 6407 head last week, and 5625 head a year ago. Barrows & Gilts 50 cents to $1.50 higher.

BARROWS & GILTS: US 1-2 200-240 pounds 44.20-45.00, 1-3 200-245 42.75-43.35, 2-4 190-255 41.25-43.60, 2-4 250-300 39.25-42.00, 2-4 100-185 35.00-40.60.

SOWS: US 1-3 300-550 pounds sows 33.50-40.50, 2-3 300-650 32.00-35.00. Boars 28.00-33.00.

FEEDER PIGS 1197. Compared with 1061 head last week, and 713 head a year ago. US 1-3 20-35 pounds feeder pigs 10.00-25.50 per head, 1-3 35-50 20.25-34.00, 1-3 50-75 25.00-35.00 per head.

SHEEP 750. Compared with 619 head last week, and 730 head a year ago. Wooled slaughter lambs uneven, mostly steady to $2 higher, most advance on Good. Choice 70-100 pounds wooled slaughter lambs 39.00-43.75, Good 70-100 33.00-40.50, Utility & Good 50-75 28.00-32.50. Slaughter ewes 9.50-21.50.

What is a Food Bargain?

No food is a bargain or a body builder if it's not eaten. Extension specialists at The Pennsylvania State University suggest that you make a collection of economical, nutritious recipes that your family likes. Serve them often. Introduce a new food product now and then. Scan your cookbooks and the food pages of magazines and newspapers for new low-cost recipes and ideas. A new food often is well received if you serve it with a family favorite.

Dec. Milk Receipts

A uniform farm price of $8.54 per hundredweight (46.5 quarts) for December milk deliveries to pool handlers under the New York-New Jersey marketing order was announced by the Market Administrator, Thomas A. Wilson. The uniform price was $8.70 in November and $6.61 in December 1972.

The butterfat differential was set at 8.3 cents for each tenth of a pound of fat above or below 3.5 percent.

Receipts from producers totaled 730,682,230 pounds, a decrease of 31,390,402 pounds, or 4.1 percent, from December 1972, the administrator reported. Class I use of producer milk totaled 414,613,156 pounds in December, a decrease of 10,493,492 pounds from the same month of the previous year. Sales of fluid milk products (Class I) for which handlers paid $9.89 per hundredweight made up 56.7 percent of the pool, compared with 55.8 percent in December 1972.

Receipts at bulk tank units dropped 5,812,282 pounds to 688,635,807, Wilson noted. Their proportion increased from 91.1 to 94.2 percent of the pool. A total of 308,345,161 pounds, or 44.8 percent of tank receipts was used as Class II and subject to the transportation credit which amounted to $308,345.21.

The number of tank producers was up 21 to 18,957 but the total number of producers in the pool fell by 1,478 to 21,434, Wilson pointed out. The December pool used reports from 127 handlers, 12 fewer than in December 1972. Average daily deliveries per producer increased by 27 pounds to 1,100 pounds.

December deliveries had a gross value of $63,338,352.46. This included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

All prices quoted are for milk of 3.5 percent butterfat received within the 201-210 mile zone from New York City.

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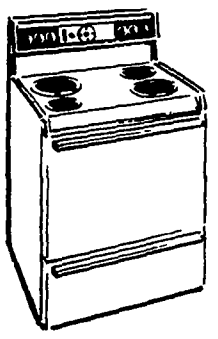

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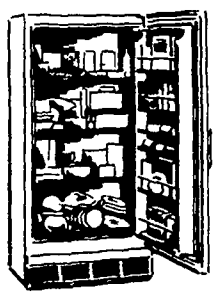

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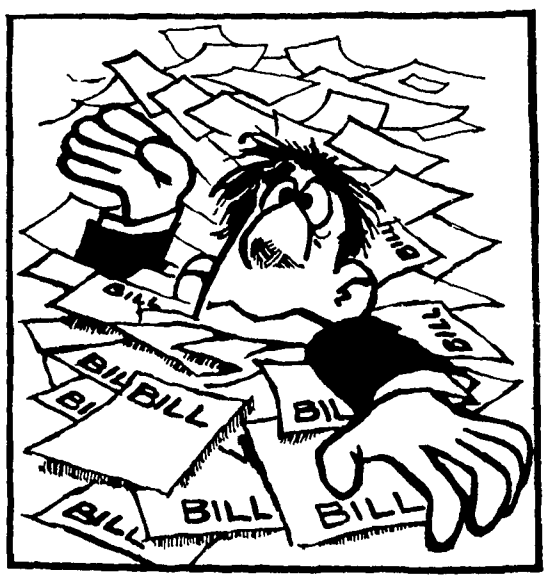
Shouldn't you, and everybody, do it?



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Gene Mutations in Corn Improve Feeding Value

Plant scientists at The Pennsylvania State University have found that corn containing mutant genes can improve the nutritional quality of animal feeds. Such corn enables animals to use plant protein more efficiently than corn with normal genes, according to Dr. Douglas L. Garwood and Dr. John S. Shenk, assistant professors of plant breeding. They add that corn from certain mutant genes may also be more digestible than normal corn.

The findings are part of long range studies by plant scientists to improve the nutritional value of food crops. Plant breeders have recently produced varieties with high percentages of polyunsaturated fats, high sugar sweet corn hybrids, and crops with increased amounts of various minerals.

Weight of laboratory rats and meadow voles doubled at Penn State when the animals were fed mutant genes known as opaque-2 and a combination of opaque-2 and sugary-2, compared with weight gains from normal corn or the sugary-2 mutant gene alone. Rats and meadow voles (field mice) were used because they could be fed the limited grain available from plant breeding studies. Also, the rat has a single stomach while the meadow vole has a more complex digestive system with a greater capacity to digest fiber.

The Penn State scientists used 5 naturally-occurring maize mutant genes in their experiments. All mutant genes were examined individually and in various combinations for digestibility. The three genes not mentioned earlier were known as amylose-extender, dull, and waxy.

The experiments showed that digestibility of corn can be improved by using mutant genes. A laboratory procedure was used to simulate the rumen digestive system by using rumen fluid from the stomach of a cow to digest the experimental corn. Waxy and double waxy mutants with full-sized kernels were highest in digestibility. Mutants with amylose-extender were the least digestible.

Drs. Garwood and Shenk explain that a gene is a unit of inheritance. Each hereditary factor or gene controls the formation of a specific component of the plant. In a plant having a mutant gene, an altered or non-normal product results.

The value of mutant genes in corn was described recently by Drs. Garwood and Shenk in a special foods issue of "Science in Agriculture," the quarterly magazine of the Agricultural Experiment Station at Penn State. Copies are available free from the Agricultural Mailing Room 112 Ag. Adm. Bldg., University Park, Pa. 16802.

The quality of a food protein, the researchers point out, depends primarily on the level of a specific amino acid in the protein. Amino acids are the protein building blocks which develop muscle and maintain vital bodily functions.

Unfortunately, proteins found in corn, barley, wheat, rice, and sorghum are low in amino acids such as lysine. The lysine definciency becomes apparent when corn, for example, is fed as the sole source of protein to single-stomached animals like humans and pigs. These animals are unable to build adequate protein from corn alone and growth is retarded.

Corn with the opaque-2 mutant gene has been shown to overcome amino acid deficiency, and has been termed "high-lysine corn." Corn hybrids containing this gene have an amino acid composition that makes the grain suitable for food or feed without adding supplementary protein. A similar gene has been identified in barley and sorghum, say the Penn State scientists. Reports suggest that high-lysine wheat may be developed.

Widespread adoption of the opaque-2 corn hybrids has been slowed by softness of the kernels. Soft and "floury appearing" opaque-2 kernels contribute to increased problems in harvesting and storage compared to normal corn.

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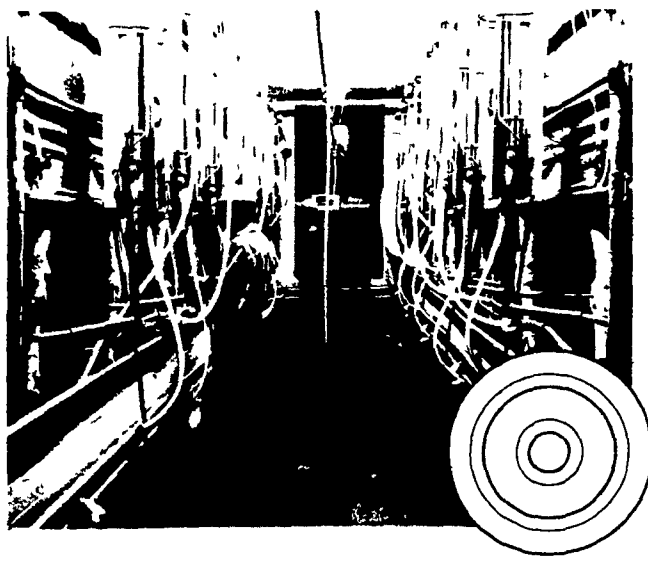

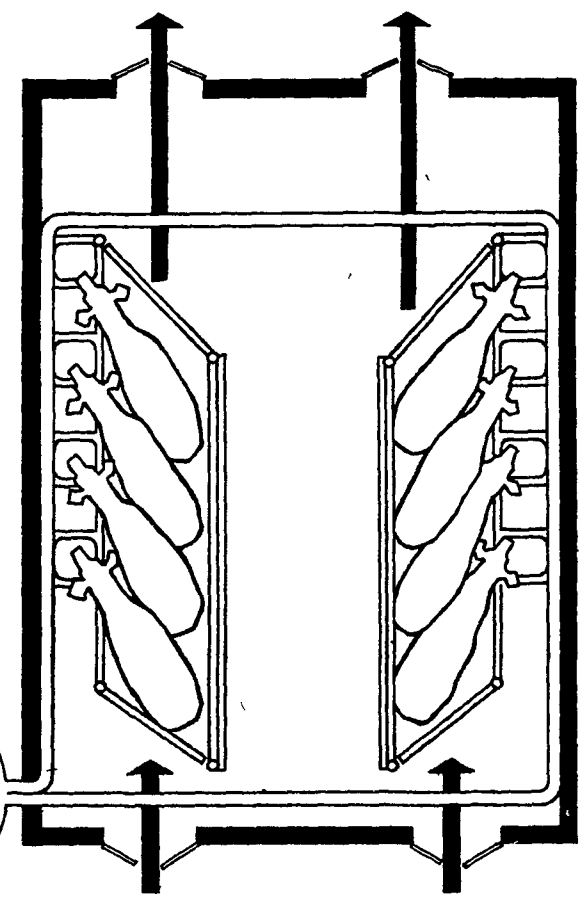

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Bank Directors OK 4-for-1 Stock Split

The shareholders of the First National Bank of Strasburg approved a stock split and an increase of capital at their annual meeting on January 22, 1974.

The four for one stock split will increase the number of shares of capital stock outstanding from 50,000 shares to 200,000 shares and the par value of each share will be changed from $10.00 per share to $2.50 per share.

Also approved was an increase in capital by the sale of 50,000 shares of Common Stock of $2.50 par value each, at a sale price of not less than $20.50 per share. Shareholders will receive transferable subscription warrents exercisable until 12:00 noon, February 25, 1974.

The shareholders reelected the following Directors: L. H. Brubaker, John E. Burkholder, J. Everett Fisher, Howard E. Groff, J. Lloyd Harnish, J. Robert Hess, Donald H. Hoffecker, William M. Musser, Jr., A. F. Witmer, and C. M. Woerth.

The Board of Directors then held their annual reorganizational meeting. Donald H. Hoffecker, executive vice president of the Bank, announced the election of the following officers of the Board: J. Lloyd Harnish, Chairman of the Board, William M. Musser, Jr., president, John John E. Burkholder, vice president, and L. H. Brubaker, secretary.

Over 160 attended the shareholders meeting which was preceded by a luncheon at Historic Strasburg's Washington House where Miss Tina Louise Thomas, Miss Pennsylvania, entertained the group with a selection of gospel songs.

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From Local Ag Teachers:

Thoughts in Passing

The article this week was prepared by Donald Robinson, teacher of agriculture at Garden Spot High School.

Donald Robinson

CASH FLOW: MONEY MAP TO FARM PROFIT

In a business like farming, there are times when cash flows out faster than it flows in and times when the situation is reversed. But more important, on every farm, there is usually a pattern to the flow which more or less repeats from one year to the next.

Since today's management-minded farmer is handy with a pencil and calculator - it's relatively easy to use your farm's cash flow pattern as a starting point to predict future income and expenses. Not to the exact penny, or even to the dollar, but close enough to be a valuable tool in the planning and management of your business.

Other businesses have been doing this for years. Until recently, however, few people gave much thought to cash flow accounting in a farm business. No one in the business of farming needs to be reminded that it takes money. More and more of it all the time. Capital - managed wisely - has become an essential ingredient in the farm financial picture.

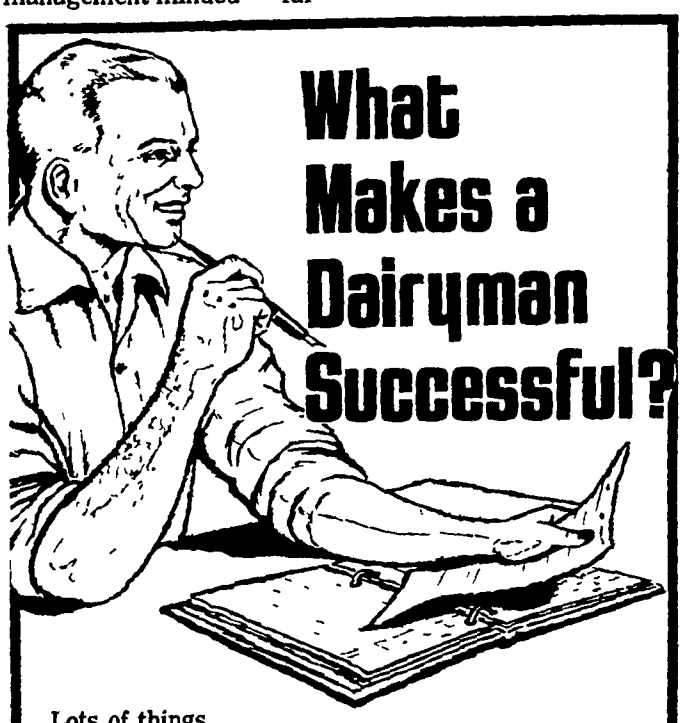
Cash flow accounting is one of the most useful tools of modern farm financial management. But as with any tool, using it profitably requires a certain amount of know-how: first in setting up a simple cash flow projection for your business and then cashing it on it.

One thing needs emphasizing from the outset: Cash Flow income and outgo projections don't replace other types of financial statements. The others are still essential as a record of what you've accomplished in the past, and of where you currently stand financially. To these, the cash flow adds a future dimension.

By now you've no doubt realized that a cash flow statement is simply a month-by-month comparison of expected cash income and expected cash expenses. And that is exactly what it is. How do you start long term planning? The following points may serve as a guideline:

1. Identify long-term goals-to know where you are going.
2. Lay out a year's plan, breaking it into major projects or steps. Cash flow gives you timing - tells you when and how much capital you'll need.
3. Review your annual and long-term projections every six months.
4. Your annual plan should have achievable objectives and improvements.
5. Calendarize your income and expenses and analyze the progress of your business at least once a month.
6. Assign yourself priorities.
7. Try to think more like a manager of equity and less like a chore-boy. Leave yourself time to think. It's easy to rationalize that you ought to work, when you really ought to think instead. Maybe that is the ultimate test of a top manager-how successfully he can discipline himself to figure ahead.

As farm managers need to borrow more and more capital, the lenders are going to want more and more projections of your operations and expected returns. Ponder these thoughts, and consult with your lending institution for further assistance to develop your financial "road-map".



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Net Income Increases At Dauphin Deposit

Dauphin Deposit Trust Company increased its net income by 24 percent to $4,484,597 in 1973 from $3,596,450 in 1972. This represents earnings per share of $4.06 in 1973, compared to $3.26 in 1972.

W. D. Lewis, president of the bank, also announced that loans increased by 20 percent to $213,572,312 from $177,323,708, personal trusts climbed by 28 percent to $372,601,767 from $289,993,582 and corporate trusts advanced 21 percent to $196,851,000 from $162,484,000.

Total assets on December 31, 1973 were $382,430,715 compared to $356,796,361 on the same date in 1972, an increase of 7 percent. Total deposits were $334,991,281 at the end of 1973 compared to $313,474,850 at the end of 1972, an advance of 6 percent.

Lewis said he believes that the bank will experience continued growth during 1974. He stated that the year ahead promises "many changes which represent a great challenge for the bank." He predicted that the bank will achieve its long term profit and growth objectives.

He added that Dauphin Deposit had realigned responsibilities and authority, and made numerous promotions during 1973, which are expected to "broaden the opportunities and accelerate the progress of younger people throughout the organization."

Thin Trees

Most trees need thinning as they grow older. But corrective pruning can be done while trees are young. Pruning can be done gradually, and involve more and more thinning out of weak, and eventually dead wood as a tree matures. Ask your county agent for more information.

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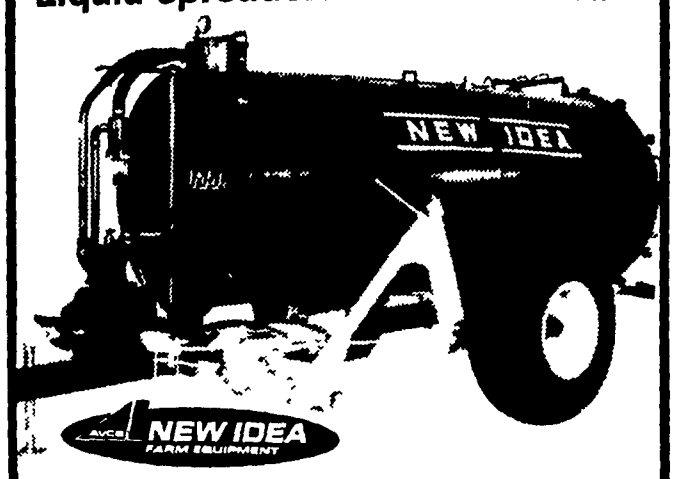
Liquid spreaders from New Idea



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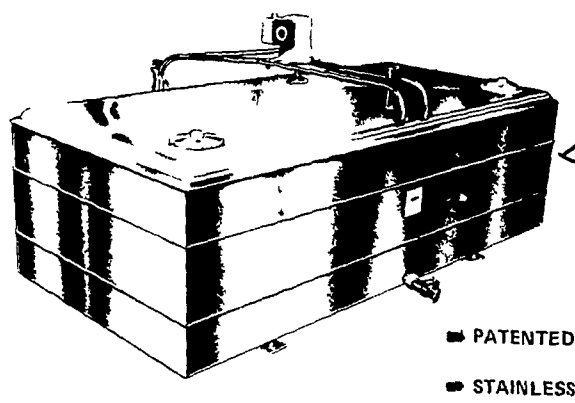

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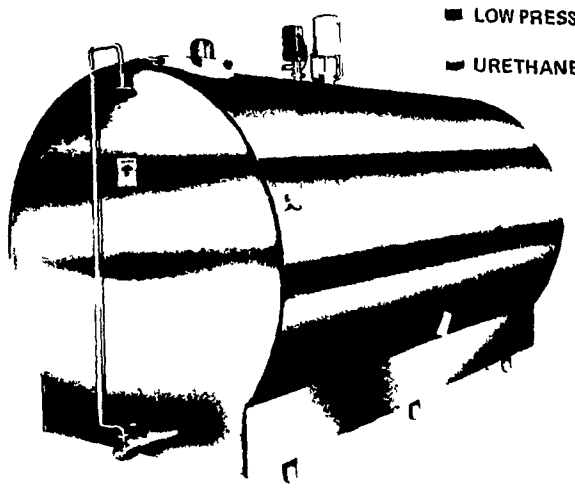

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Silver Spurs 4-H Plan Meetings

The Silver Spurs 4-H Horse and Pony Club held their January meeting at the Lancaster Riding Club.

Demonstrations were given by Lennie Matroni, Sara Young, and Judy Anderson on "Saddlebreds."

The meeting was called to order by Randy Glick. The club was honored to have Mr. Rob Byers speak on "Equitation, Riding, and Training of the Saddlebred Horse."

The club announced that their Annual Horse Show will be held Aug. 18 at the Lancaster Riding Club. A letter was read, informing that Lancaster County will be in a newly formed District 6, instead of District 10. The District show will be held Sept. 21 in Cumberland County.

The club is doing a scrap book for achievement day and asks each member to bring a picture of their project to the next meeting.

An ice skating party is planned for Feb. 10, weather permitting. Members are to meet at John Glicks at 2:00. After skating, members will return to the Glicks for refreshments.

Leaders for the '74 year will be John Glick, Bareville; Mrs. Joe Gochnauer, Centerville and Mrs. Mervin Bare of Witmer.

"Herbie", one of the Lancaster County Herefords shown at the Pennsylvania Farm Show, came back home after his stint in the show ring. The steer was raised by Sam S. Long, son of Mr. and Mrs. Sam F. Long, Christiania RD1. Herbie was bought by Joe Devine, a cafe owner in Strasburg, for 56-cents a pound. Park Myers, shown holding the steer, donated his services to bring the animal back from Harrisburg. Myers is a partner in Lancaster's Black & White Holstein Farm.

Knock-down Furniture

Knock-down furniture is a new wave in inexpensive home furnishings. Mrs. Helen Puskar, Extension home furnishings specialist at The Pennsylvania State University, explains that it comes in pieces–you put it together. You'll find love seats, tables, bookcases, backless seats, coffee tables, and chairs in chrome and plastic. Another manufacturer has knock-downs made of 24-karat gold and glass; still another has chrome and glass. Also coming on the market are fiberboard space savers which can be attached to closet and kitchen doors. There's a utility shelf, a three-drawer cabinet, and an all-purpose chest.

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USDA Proved Sire (Sept /73)--

17 Daus in 3 Herds Ave.	18,210M	3 80%	692F
Actual Increase/Herdmates	+1,774		+63
Pred Dif. (30% rpt)	+583	+01%	+22

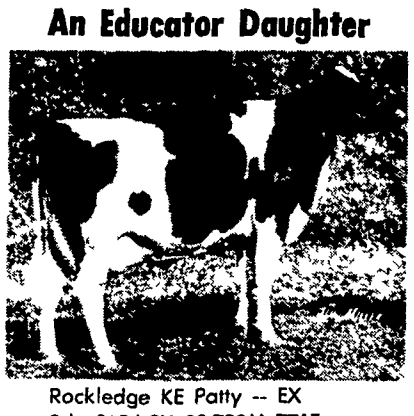
(+$40 per lactation above breed ave herdmates)
Type 16 Classified Daus Ave 84 0, improves sharpness, mammary system, milk-out, legs & feet

USDA Proved Sire (Sept /73)--

90 Daus in 59 Herds Ave.	16,584M	3.49%	578F
Actual Increase/Herdmates	+1,896		+35
Pred Dif (80% rpt)	+1,520	-.16%	+29

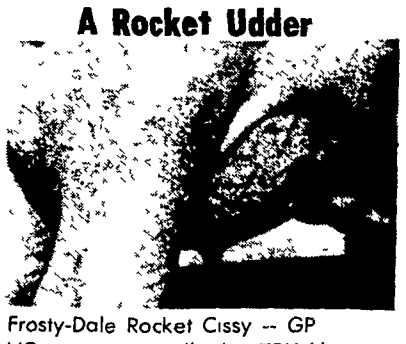
(+$81 per lactation above breed ave herdmates)
Type 24 Classified Daus Ave 77 8, improves height, mammary system, milk-out, legs & feet

15H161 Kanawaka EDUCATOR
Very Good -- 87 & Production Qualified
An Educator Daughter



Rockledge KE Patty -- EX
2-ly 365d-2X 22,700M 771F
Owner Robert Bigsby, Kansas

15H123 Whittier Farms Apollo ROCKET
Good Plus -- 84 & Production Qualified
A Rocket Udder



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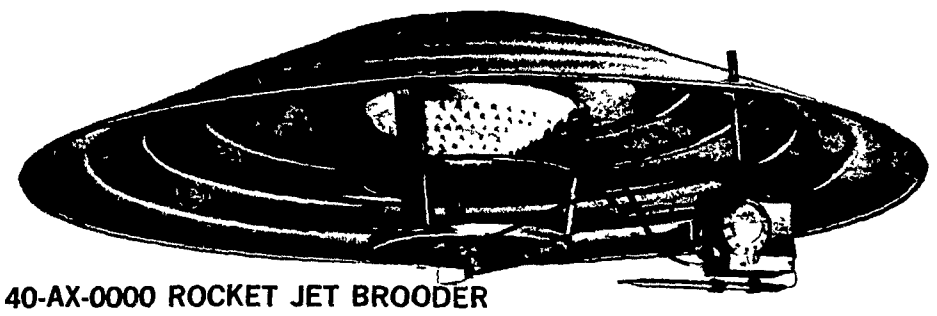

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★ ONE PIECE CERAMIC RADIANT
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Good News For All

The rich black soil of America's farmlands produced a harvest in 1973 the likes of which has never been seen before -- a healthy sign for the economy and a blessing for the farmer, who is now realizing some of the highest prices in U S. history.

Since economic stability ultimately hinges upon the success of our agricultural industry, the implications of this situation are far-reaching One farmer explains it this way, " . if the farmers have it good, then the nation is going to have it good " He has a point. All things considered, Americans have never experienced such prosperity as now. True, there have been occasional, temporary food shortages, and inflation persistently nips at the heels of the consumer. But our stores are still brimming with well-stocked shelves; and, though the percentage may rise, the average American family devoted only about 15 6 percent of its disposable income for food in 1973.

As "Time" magazine sees it, " . . . the improvement in the farmer's lot will probably last for many years. Prospects are strong that world demand for food will continue to grow rapidly, auguring a good return for farmers . . . Simultaneously, farm output will rise because the government, in a historic and long-overdue policy shift, will no longer pay farmers to hold down production." This is, indeed, good news for our international balance of trade, not to mention the total world economy which leans so heavily upon U.S. agriculture.

Even an industrialized society like the U.S. must acknowledge the significant role free market agriculture plays in maintenance of "the good life." The farm community may have shrunk over the years, but its importance has not.

5000 Years of Failure

There is nothing new in endeavors to impose price controls on life's essentials Fifty years ago, a paper was published by the Bureau of Agricultural Economics Librarian, Mary G Lacey of the U. S Department of Agriculture, on "FOOD CONTROL DURING 46 CENTURIES." The paper reviews what is recorded in history on government food controls as early as 2830 B C in Egypt through the days of Confucius in China to the city-state of Athens, Greece around 400 B C

It is concluded that, "The history of government limitation of price seems to teach one clear lesson· that in attempting to ease the burdens of the people in a time of high prices by artificially setting a limit to them, the people are not relieved but only exchange one set of ills for another which is greater. Among those ills are (1) the withholding of goods from the market; (2) the dividing of the community into two hostile camps . . (3) the practical difficulties of enforcing such limitation in prices which in the very nature of the case requires the cooperation of both producer and consumer to make it effective " One thing can be said of attempts to freeze prices -- they have an unblemished record of unworkability

Rational Answer

All an argument usually proves is that two people are present. And that is about how effective angry confrontations betwen consumer "protectors" and businessmen are. A successful, lasting resolution of differences will come only when we tackle " . the gap between business performance and consumer expectations" through constructive consumerism

Constructive consumerism is defined as " rational, temperate, candid dialogue between business and consumers to solve a common problem " As one expert has noted, "Working together, business and consumers can at least partially solve the problems that arise from the complexities of modern life and make them less abrasive the consumer movement can become creative and productive It can be constructive consumerism "

In the quest for constructive consumerism, it is sometimes necessary to call upon an impartial third party to help resolve differences and spark productive dialogue and action That is where the Better Business Bureaus come in The BBB has been dedicated to maintaining ethical standards in the marketplace for six decades Now, operating in 137 U S cities under the leadership of the Council of Better Business Bureaus, the BBB's programs of mediation and arbitration have settled many disputes satisfactorily.

The formation of the BBB as a self-policing force in the business world shows, as nothing else can, the sincere desire of American merchants to meet the needs of the consumers -- in a constructive way. And isn't that what consumerism is really all about?

xxx

ONEONTA, ALA., SOUTHERN DEMOCRAT: "Oil companies say that a vehicle driven no faster than 50 miles an hour requires 11 percent less fuel that when driven 60 miles per hour. It would be an ironic twist of fate if highways should become safer places not because drivers are endeavoring to make them safe but are trying to save gasoline."

xxx

YUBA CITY, CALIF., INDEPENDENT-HERALD. "Russian intellectuals are perfectly free to express dissenting opinions. And the government is perfectly free to make them wish they hadn't "

xxx

As BARRON'S, Business & Financial Weekly points out, "The worldwide oil shortage is not limited to capitalist nations Rumania, which imports no Soviet oil and depends on Arab, Iranian and Venezuelan fuel, is running short Electricity and gas supply of households will be curtailed, public lighting reduced and automotive transport subject to lower speed limits Bulgaria, which depends on Soviet oil, took similar measures "

NOW IS THE TIME . . .

Max Smith
County Agr. Agent
Telephone 394-6851

TO USE CARE IN BUYING LIVESTOCK

Due to the large amount of traffic in all species of livestock in this part of the state, producers should be very careful about the health of new animals. The purchase of feeder pigs and feeder cattle is very common, but there is always danger of buying another disease or contagious infection. Feeder pigs should come with health papers and assurance of no contagious disease. Severe losses have been experienced with "bargain" pigs with uncertain health backgrounds. The segregation of these animals for at least 30 days is still a very good practice. Strict sanitation and caution about buying or bringing home infections should be used at this time.

TO BE CAREFUL WITH SUPPLEMENTAL HEATING UNITS

In our efforts to adjust to the energy shortages, extreme care should be used in the purchase and installation of supplemental heat units with which the owner is not totally familiar. The use of extra stoves, spaceheaters, fireplaces, or portable burners might replace some of the normal fuel demands, but could present additional fire and health hazards. All of these should be installed or inspected by a licensed heating contractor or fire company official before being used. Extra ventilation may be needed with some of these supplemental heat units. Barbecue grills should not be used indoors unless in a fireplace with flue open, or some special means of removing the carbon monoxide gas and smoke. Don't take chances with supplemental heat units.

TO EXPAND CAREFULLY

The trend toward larger farm operations continues and in some cases may not be profitable. Larger units do not necessarily mean more net return. Good planning and management becomes more important. If additional structures or buildings are needed, then building permits and waste disposal plans are needed before construction begins. Local township officials should be consulted at the very start of these intentions. Observing and evaluating other similar operations and structures might be advisable before construction begins. It is much better to make mistakes on paper or on the drawing board, then to make them during construction. Complete planning and good foresight is very essential.

RO DEVELOP FARM CONSERVATION PLANS

Pennsylvania now has soil erosion and sedimentation regulations; they were adopted in September 1972. The earth moving part of the regulations went into effect last July. The agricultural part is to be effective July 1, 1977. This means that all farmers should be developing a soil conservation plan, if they do not already have one. The Soil Conservation Service has been designated as the agency to help farmers develop these plans. To get started, the farm owner or tenant should request this type of assistance from the Soil Conservation office. Several meetings were held last fall throughout Lancaster County to present the details on this program. Farmers are urged to take action soon rather than to wait and be caught with the last-minute rush at the deadline.

Letters to the Editor

Editor:

I read with interest the special report on the availability of farm credit in the January 19 issue of Lancaster Farming. One might conclude from reading it, however, that Lancaster Farming is not aware of the existence of the largest non-government related farm mortgage lender in the county — Equitable Life.

Equitable has over $8,000,000 worth of farm mortgages in Lancaster County, and over $12,000,000 in the general area, and over $850,000,000 in the United States. In 1973 alone, I personally processed close to $4,000,000 worth of farm mortgages.

You may be interested in knowing that some lenders loan Equitable's money along with their own, because of the shortage of their own funds. One county bank is collecting payments on several million dollars of farm mortgages through Equitable, which the bank processed for their own customers.

I appreciate receiving LANCASTER FARMING and feel that it is doing a tremendous job of reaching the farming community.

Clifford B. Huffman
Area Loan Manager
Equitable Life

Conservation is Important to Landusers

Conservation was an important part of many Lebanon County landusers activities during 1973 according to Karl Hellerick, US Department of Agriculture Soil Conservation Service. 40,000 feet of subsurface drains and 8500 feet of surface drains were installed during the year.

The SCS provided technical assistance for 150 acres ot strip cropping, 1000 feet of diversion and 750 feet of grassed waterways. Landowners also installed three ponds.

Agnes storm damages were repaired on Hammer Creek in cooperation with landowners and local county and state governments. 3500 feet of stream banks were protected.

A report on the Quittapahilla Creek flood damage was prepared and additional studies were recommended for a possible PL 566, small watershed project.

During 1973, thirty seven plans and reports were prepared for landusers for agriculture or subdivision uses.

Hellerick stated that January and February are the ideal times to plan conservation work for 1974. It is especially important with the current energy situation.

Landusers who want to schedule technical assistance should call 272-6621, Extension 407.

THE BIBLE SPEAKS

BY LAWRENCE W ALTHOUSE

THE SOURCE

Lesson for January 27, 1974

Background Scripture John 14 1 7, 15 1-17
Devotional Reading: John 14 1 14

A British clergyman, J B Phillips, gained much acclaim and re known for his *New Testament in Modern English.* Encouraged by public response to his writing, J B Phillips began to write a succession of books that were best sellers in the religious field

Rev. Althouse

Along with this sudden rise in fame there came an ever growing list of invitations to lecture and broadcast, not only in England, but abroad as well He was constantly interviewed by the press and there was a steady stream of people coming to him for one thing or another

Cut-off from our source

There was, however, a terrible price to be paid for this success there was being built an image of **J. B. Phillips** that was not really J B Phillips at all People no longer regarded him as an ordinary human being "Everything I wrote or said," he reveals, "had to be better than the last " The public image of J B Phillips "grew and grew until it was so unlike me that I could no longer live with it "

Realizing this, he found that his flow of creativity had been cut off Writing, once a pleasure, now became an almost impossible drudgery A painter by hobby, he also discovered that he was losing his acute sense of color, taking hours to mix shades that he had before done in seconds

Then he made an important discovery that has been made by so many successful men who have suffered creative decay somewhere in the process of becoming successful he had cut himself off from the source of his creativity and success He had failed to remember the admonition of Jesus Apart from me you can do nothing" (15 5)

"If you abide in me . . ."

It is in close day by day fellowship with Christ that we find the resources for daily living Unfortunately however we frequently find ourselves too busy for that fellowship and we begin to grow further and further away from that empowering relationship Until at last overextended in every direction we find nothing upon which to draw only emptiness where once Christ lived

A young man was enamored of Abraham Lincoln He bought every book on Lincoln that he could fund made a collection of his speeches and committed to memory many of the great man's utterences One day someone said to him, 'Do you know what you remind me very much of Abraham Lincoln The man replied That is understandable for I have lived with him many years

So as we live closely with the Master we will become more like him 'I am the vine,' said Jesus 'you are the branches He who abides in me, and I in him, he it is that bears much fruit "
(15 5)

If our lives are to be fruitful we must continue to live closely to him who is our source The branches need that living vine

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U S A Released by Community Press Service)

Cornbelt Grower Records 306.6-Bushel Yield

A new chapter was added to agricultural history recently with the announcement that Orville Montri, a LaSalle, Michigan, corn grower had established a new world record corn yield of 306.6 bushels per acre.

Announcement was made to a group of agricultural communicators by D. D. Walker, Chairman and President of Funk Seeds International, Inc. "In the process of establishing a new world record, Mr. Montri also established himself as the 1973 champion in the Funk's-G Project:200 national corn growing contest. His hybrid was Funk's G-4444.

"His yield of 306.6 bushels per acre was made on 4.4 acres, machine harvested and delivered to the elevator, cleaned and weighed. Even more impressive is the fact that Mr. Montri did not glean his field," Mr. Walker stated.

Dr. E. C. Rossman, Crop and Soil Sciences Department, Michigan State University, who visited the Montri farm, had this to say, "We in Michigan are very pleased that one of our good farmers, Orville Montri of Monroe County, has grown the new world's record yield of 306.6 bushels per acre in the Funk's-G Project:200 national corn growing contest. We congratulate Mr. Montri on achieving this record yield.

"One thing I would like to say, farmland in that corner of Michigan, particularly Monroe and Lenawee Counties, compares favorably with good corn land in any other part of the Corn Belt. We can grow some very good corn in Michigan."

Dr. E. C. Rossman, right, professor of plant breeding and genetics, Michigan State University, talks with Orville Montri, LaSalle, Mich., commercial grain farmer, about Mr. Montri's new world record corn yield of 306.6 bu.-A. machine-harvested from 4.4 acres of 40-acre field.

This is the first recorded breakthrough of the 300 bushel per acre barrier by a commercial farmer. The previous record of 304.38 bushels per acre was established in 1955 by Lamar Ratliff, Prentiss County, Mississippi. Ratliff's record was made on a measured single acre of land, hand picked and gleaned prior to weighing. Ratliff, a vocational agriculture student, grew his yield as an FFA project. He also used a Funk's G-Hybrid.

Montri farms 1,100 acres near LaSalle with his brothers Marvin and Lyle. "When weather permits, we follow a rotation," he says. "The field with the record yield is about 40 acres in total. It was in wheat in 1972, soybeans in 1971 and corn in 1970. We had planned to grow beans there in 1973 but weather conditions made us change our plans and I'm glad we switched to corn.

"When Dr. Rossman came down to talk about the record yield, I told him we had also taken a 100 bushel per acre wheat yield off this same field last year.

"Before we switched from beans to corn on that field, we had plowed down 200 pounds of 6-24-24 per acre. In the winter, when we changed our minds, we put 500 pounds of 6-24-24 on top of the snow.

"Last spring was cool and we ran over the field with a cultivator. It didn't rain and the field seemed to be in perfect condition so we put the drag and roller on it and put the drill right behind. We planted on April 25. We set the drill to drop 8.3 and wound up with about three acres out of each bag. We put an additional 300 pounds of 6-24-24 per acre on at planting.

"We planted small rounds, the smallest seed we could get. As a matter of fact, I used to be against using the small seed but our dealer told us we got more seed for our money with this size and we have found it works just as well as large seed."

Normally, Montri plants his seed at a depth of two to two and a half inches. "We

(Continued On Page 12)

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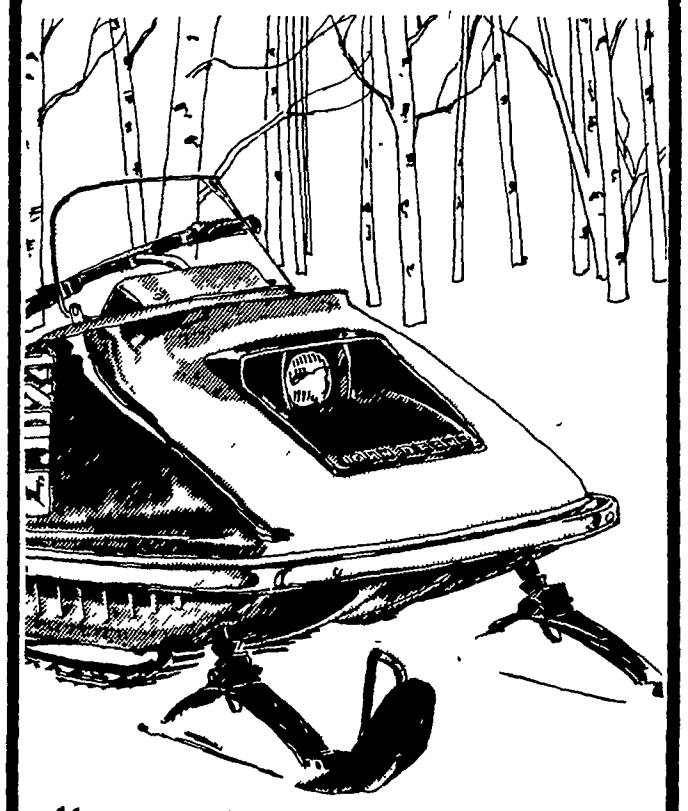

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FUNK'S G HYBRID SEEDSMEN TO THE WORLD

Cornbelt Grower

(Continued From Page 11)

never planted corn this early." he said, "so we planted this corn about an inch deep. Dr. Rossman told us that the University recommends shallow planting with early planting to take advantage of heat in the first inch or so of soil."

Montri described the weather as perfect for fast early growth for corn. He stated that his corn came up so fast that there was barely time to get into the field and spray the herbicide and get the anhydrous on. "We were going to cultivate," he said, "but the corn grew so fast we just couldn't get in to do it. We applied 125 pounds of actual N and Aatrex 4L.

"I didn't keep track of our rainfall in inches during the season but it stayed warm and rained fairly often. I was afraid the corn would root shallow and that we would be in trouble when the rain slacked off. It stayed wet until the first of July and by July 4th, you could see the corn start to poke tassels out. I guess the corn was advanced far enough because in August, when we hit dry weather, we were in good shape."

When asked by Dr. Rossman whether he had any idea during the season that he had a potential world record yield in the field, Montri said, "None whatsoever. I never even thought of such a thing. My father-in-law had walked around in the field more than I had and he said we had an awful good crop of corn coming. I said, I hope so and we settled for that."

The Montri entry was taken from the middle of a 40-acre field. The entire field averaged better than 240 bushels per acre.

The record setting field was opened up on September 19 and 4.4 acres actually harvested on September 20. "The ground conditions were perfect," the new record holder states. "As far as I could see, every stalk was standing right there. We estimated that we had 27,000 harvest population.

"We shell all of our corn and took what we got from the combine. We didn't glean the field but it was mighty hard to find an ear after we went through the field.

"We had a semi and two stake body trucks. We ran 30 rows and filled all three with the 4.4 acres of contest corn. This was taken to the Ida Farmers Cooperative Elevator, dumped, cleaned and weighed by them. Our weigh ticket read 88,470 pounds from the 4.4 acres.

"Our moisture test was 27.5 percent for the Project:200 corn and for the entire 40-acre field. Corrected to No. 2 corn, this gave us the new world record of 306.6 bushels per acre."

Montri has participated in the Funk's-G Project:200 since its inception. He was a district winner in 1970 with a yield of 198.7 bushels per acre from the same field.

PennAg Supports Agricultural Research

Pennsylvania's agribusiness firms are responding to a new approach in agricultural research funding. Members of the PennAg Industries Association, a statewide trade association whose members buy from and sell to farmers, recently turned over to Dr. James M. Beattie, Dean of the College of Agriculture, Pennsylvania State University, payments and pledges of $3,200 as an initial contribution toward an expansion of Project 1870, a unique study of cattle herd health. Ned L. Clark, president of PennAg Industries Association made the presentation.

"This payment represents only the start of continued monetary support by our members who are pooling their resources to assist in the direct financing of a research project, rather than following the traditional government or foundation route. We are continuing our solicitation of membership support."

The funding by PennAg members represents only a portion of the solicitation which is being conducted through a voluntary committee chaired by A. F. Kish, Elizabethtown, Penn. including representatives from the feed, seed, fertilizer, pharmaceutical industries as well as the farmers themselves.

Project 1870, designed to make herds more productive, is a departure in research since it will attempt to establish norms for the many factors which have a bearing on the health of animals — including breeding; soil, water and feed composition; mechanical handling systems and management practices. As such it combines the talents of the plant and animal geneticist, agronomist, nutritionist, engineer and farmer-producer in one study. Previous research in one discipline may have solved a particular problem but created others in an entirely different area.

"This approach to research constitutes essentially the same concept that PennAg has toward membership — that much more can be accomplished in solving problems through the cooperation of all segments of the agribusiness community," Clark concluded.

Members of the organization who have made commitments include: Beacon Milling Co., York; Canonsburg Milling Co., Canonsburg; W. S. Crock & Sons, Nicholson; Daugherty Brothers, Timonium, Md.; Carl H. Hartman, Lynnport; John J. Hess II, Paradise; Loysville Feed Co., Loysville; Montgomery Bucks Farm Bureau, Souderton; National Molasses Co., Willow Grove; Naugle's Feed & Supply, Berlin; New Holland Supply Co., New Holland; Pennfield Corporation, Lancaster; Pritts Feed Mills, Mt. Pleasant; Rhoads Mills, Selinsgrove; Sea Board Supply Co., Philadelphia; Stevens Feed Mill, Stevens; and Wolgemuth Brothers, Mt. Joy.

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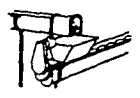

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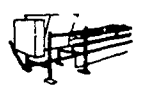

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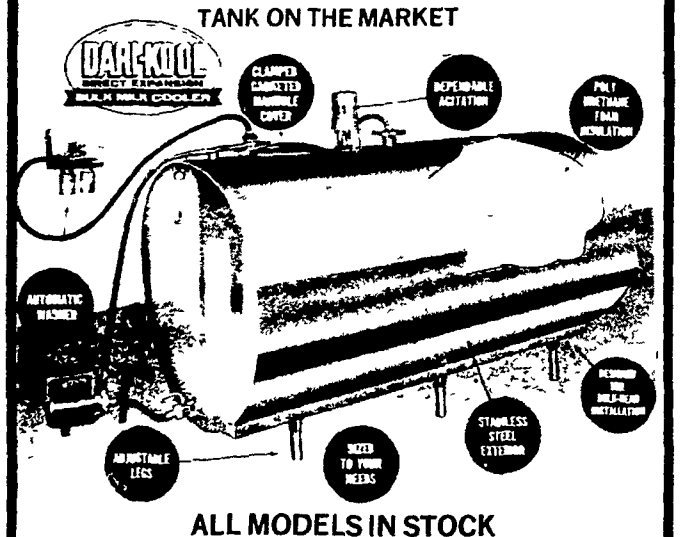

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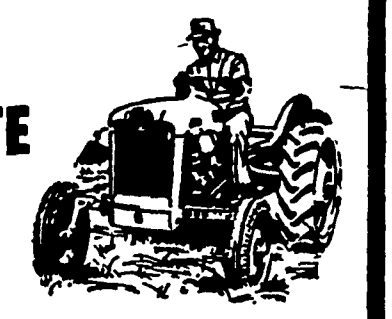

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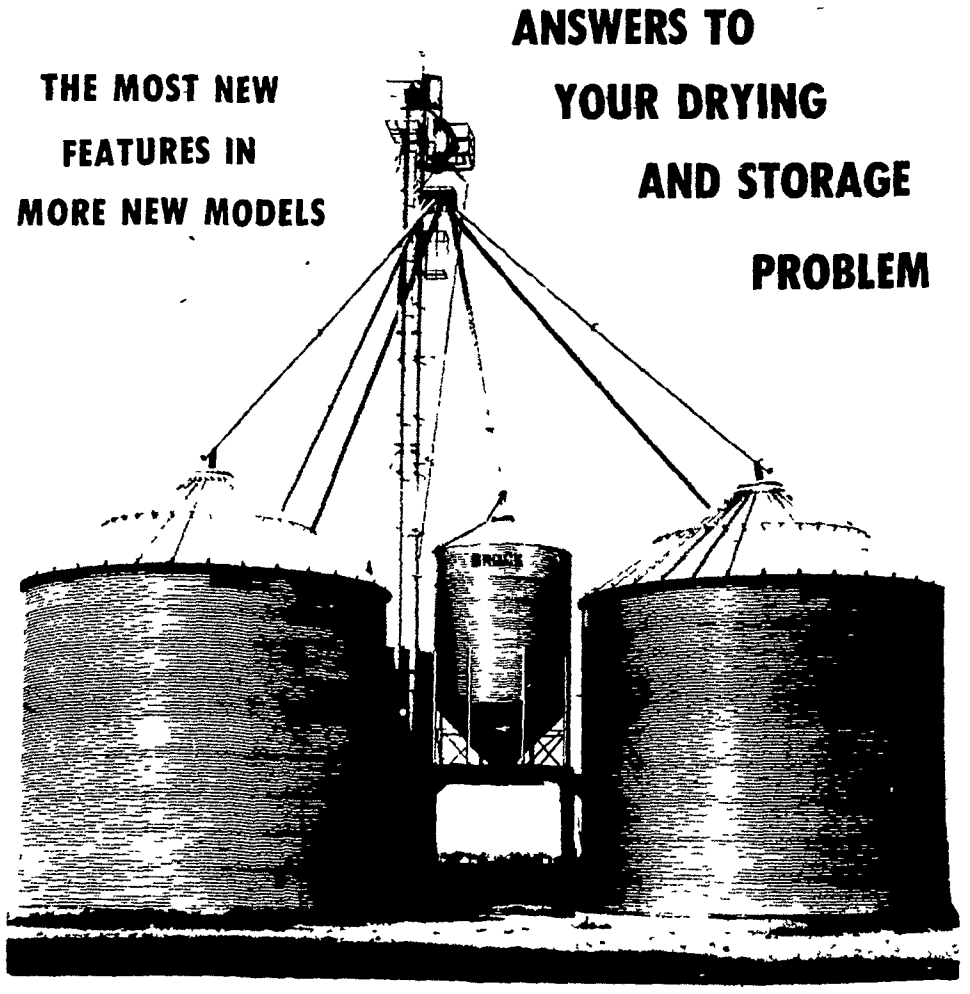

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Public Speaking Champions Announced At Penn State

Public speaking champions were named recently in the College of Agriculture at The Pennsylvania State University. Taking top honors was J. B. Laughner, sophomore in agricultural education from New Castle. He earned $150 as first prize for his speech "Wasteland to Wonderland," about strip mine reclamation. The occasion was the annual Paul R. Guldin Speaking Contest at University Park.

Second place honors went to Charles E. Porter, a senior majoring in animal industries from Brownsville. Speaking on "What is the Cost of Food," Porter will receive $120 as second prize.

Donald Haldeman of Reading, a sophomore in horticulture will receive $80 for third place with his speech on "Plant and Man Interaction."

Honorable mention was awarded to William M. Riden of McClure, a junior in agronomy; David L. Gerstenlauer of Ephrata, a sophomore majoring in agricultural education; and Lewis M. Sterrett of Shippensburg, a senior in animal industries. Each earned $40.

Finals of the Guldin Public Speaking Contest were held on January 16 with Mrs. Paul R. Guldin of Yellow House attending. Mrs. Guldin's husband was at one time a faculty member in poultry science at Penn State. He established funds for the contest because of the great deal of importance he placed on the benefits of public speaking.

Checks will be presented to the winners at a College of Agriculture faculty meeting in March.

Other participants included George Cudoc, Jr. of Butler, sophomore in animal science; Earl A. Flack of State College, a senior majoring in agronomy; Timothy G. Markovits of Carmichaels, a sophomore majoring in horticulture; and Michael Young of Ambler, a senior majoring in animal industries.

Judges for the Guldin Public Speaking Contest were Dr. Edward D. Glass, Jr., associate professor of food science and industry; Dr. Paul C. Kersavage, assistant professor of wood science and technology; and Dr. Paul E. Nelson, professor of plant pathology.

Winners from southeastern Pennsylvania in the Guldin Public Speaking Contest held recently at Penn State were, left to right, Donald F. Haldeman of Reading, third place, and David L. Gerstenlauer of Ephrata, honorable mention. They are shown with Mrs. Paul R. Guldin of Yellow House, right, widow of the late founder of the Guldin Public Speaking Contest.

New NDC Librarian

Diana Culbertson has been promoted to the position of NDC Librarian, it has been announced by Dr. M. F. Brink, president of National Dairy Council. Miss Culbertson has served as assistant librarian since June 1972. She succeeds Miss Marian White, who has been NDC Librarian for the past 12 years and who retired as of December 31, 1973.

Miss Culbertson earned her B.A. degree in Library Science at Wartburg College, Waverly, Iowa, and her Master of Arts in Library Science at Rosary College, River Forest, Illinois. She is a member of the Special Libraries Association and the Medical Library Association.

NDC's Library, at NDC headquarters at 111 N. Canal St., Chicago, houses 3,100 volumes, 325 periodical titles (scientific, educational, consumer and industry journals), and 33 file drawers of reference material. The NDC Library operates as part of NDC's Nutrition Research Program.

Garden Spot Young Farmers

The Garden Spot Young Farmers will hold a meeting to study the market hog market outlook and marketing alternatives on Tuesday, January 29, 1974, at 7:45 P.M. in the agriculture classroom of the Garden Spot High School. The meeting will be of interest to both breeders and finishers as an in-depth study of grade and yield marketing and market hog contracting will be made.

Speakers will be Mr. Howard Sparlin from the Pennsylvania Agriculture Commodities Association division of Pennsylvania Farmers Association who will explain grade and yield marketing and a representative from Gehman's Feed Mill in Denver who will describe their market hog contracting program. In addition, farmers Mark Nestleroth, breeder from Manheim, who has used grade and yield marketing for several years and Monroe Good from Bowmansville, who contracts over 1200 head per year, will share some of their experiences. A panel discussion format will be used.

All area swine producers are invited to attend the meeting. Refreshments will be served.

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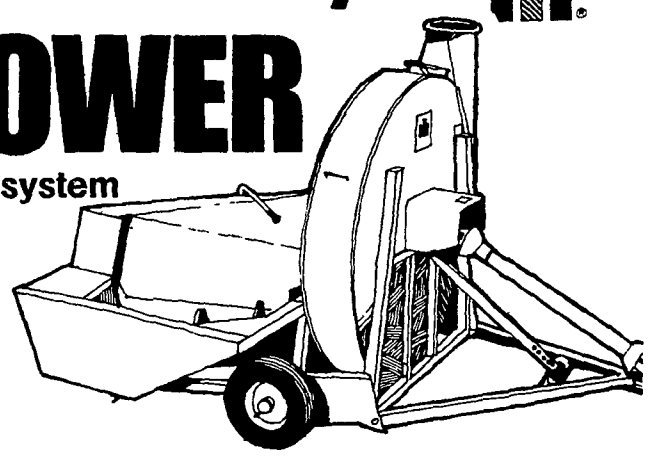

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December 1973

A Registered Holstein cow owned by J. Mowery Frey Jr., Beaver Valley Pike, Lancaster, completed the highest 305 day lactation. Regina produced 18,738 pounds of milk, 944 pounds of butterfat with a 5.0 percent test. Second high lactation was completed by a Registered Holstein cow owned by Rufus G. Martin, RD3, Ephrata. 27 produced 23,467 pounds of milk, 926 pounds of butterfat with a 3.9 percent test in 305 days.

The herd of J. Z. Nolt, RD1, Leola, had the highest daily butterfat average. This herd of 35.1 Mixed cows averaged 51.8 pounds of milk, 2.07 pounds of butterfat with a 4.0 percent test. The herd of Earl N. Landis, RD1, Manheim, placed second. This herd of 49.4 Registered and Grade Holstein cows averaged 53.2 pounds of milk, 1.99 pounds of butterfat with a 3.7 percent test.

FIRST 305 DAYS OF LACTATION WITH 615 OR MORE POUNDS OF BUTTERFAT

Owner - Name	Breed	Age	Days	Milk	Test	Fat
J. Mowery Frey Jr.						
Regina	RH	8-0	305	18,738	5.0	944
Rae	RH	13-7	305	20,103	4.6	917
Peony	RH	3-8	305	19,587	3.9	755
Linda	RH	6-4	289	15,160	4.7	712
Rufus G. Martin						
27	RH	6-7	305	23,467	3.9	926
4	RH	4-7	305	18,043	4.3	781
Paul B. Zimmerman						
Agnes	RH	7-4	305	22,686	3.9	888
Fran	RH	4-10	305	16,377	4.6	755
Ivy M	RH	6-4	305	19,546	3.8	752
Freda	RH	2-3	305	16,156	4.3	687
J. Z. Nolt						
Gypsy	RH	6-3	305	21,868	4.0	885
Lena	RH	7-0	305	19,440	4.0	787
Clover	RH	6-5	305	20,928	3.1	643
Shelly	RH	4-2	305	17,596	3.6	641
Hiram S. Aungst						
Martha	RH	8-2	305	18,978	4.4	844
Ann	RH	9-4	305	22,466	3.6	804
Frances	RH	4-10	305	19,673	3.4	677
John P. Lapp						
Dusty	RH	4-7	305	21,915	3.6	782
Liz	RH	6-0	305	20,071	3.5	695
Charles Tindall						
Laddie	GrH	6-3	305	18,124	4.3	777
Lucinda	RH	16-3	305	16,318	4.1	676
Nelson E. Martin						
Dolores	RH	5-6	305	18,077	4.3	777
Alma	RH	4-3	305	18,433	4.1	750
Galen W. Crouse						
Wilma	GrH	7-11	303	23,571	3.3	774
Robert C. Groff						
Quill	RH	4-7	305	17,604	4.4	774
Elam P. Bollinger						
Phebe	RH	7-0	305	17,200	4.5	772
Dorothy	RH	3-2	285	16,661	3.8	631
J. Eby Hershey						
Sally	RH	6-4	301	18,522	4.2	771
Ernest J. Sauder						
Faith	RH	7-0	305	16,168	4.8	771
Lisa	RH	6-3	287	15,910	4.4	699
Daffy	RH	3-2	305	16,722	3.7	625
Ella	RH	3-7	305	14,234	4.3	619
Donald S. Eby						
Maudela	RH	4-2	305	18,633	4.1	770
Dixie D	RH	6-5	253	14,014	4.4	615
Arthur D. Wenger						
Spot	RH	4-2	305	18,202	4.2	770
J. Kenneth Hershey						
Hilda	GrH	7-0	305	22,231	3.5	768
Norma	RH	5-4	305	20,608	3.4	700
Bea	RH	4-7	289	18,134	3.7	666
Regina	RH	3-7	294	14,380	4.6	662
Dale E Hiestand						
Sara	RH	7-4	305	18,190	4.2	766
Amos B Lantz						
Cindy	RH	4-5	305	19,032	4.0	760
John M. Harnish						
Melanie	RH	3-0	305	19,487	3.9	757
Lou	RH	4-8	305	19,166	3.5	677
Clove	RH	11-1	305	16,371	4.0	661
Jackie	RH	6-3	305	17,413	3.7	643
Thelma	RH	4-6	305	18,154	3.5	632
Lynn	RH	5-7	305	15,964	3.9	620
Samuel F. Sauder						
Alicia	RH	6-3	305	18,775	4.0	749
Conny	RH	5-9	305	16,399	3.9	639
Robert D. Harnish						
60	GrH	6-6	305	20,250	3.7	742
Edgefield Farms						
Jolly	RH	4-1	305	17,204	4.3	741
Hope	GrH	9-9	305	17,525	4.2	731
Twinkle	RH	3-5	305	17,215	4.2	721
Joey	RH	4-5	305	17,211	4.2	719
Lisa	GrH	7-0	305	17,870	3.8	671
Ruth	RH	12-5	305	19,176	3.2	617
John J. Lapp						
Fran	RH	8-11	305	16,910	4.4	741
Judy	RH	5-6	305	16,164	4.1	660
Linda	RH	7-7	305	18,392	3.4	626
Daniel M. Stoltzfus						
Dorris	RH	5-2	305	20,146	3.7	739
Ellis D. Kreider						
Mae	GrH	12-11	305	20,473	3.6	735
Paul N. Brubaker						
86	RH	4-5	303	18,586	3.9	731
98	RH	4-7	305	19,269	3.6	692
130	RH	7-3	305	16,145	4.2	671
94	RH	4-10	305	15,216	4.1	621
Paul W. Zimmerman						
9	GrH	4-3	305	23,060	3.2	729
John O. Stoltzfus						
Pet	GrH	5-4	305	20,175	3.6	726
Supreme	RH	11-4	305	16,956	3.8	636
George M. Hurst						
Pam	RH	7-5	305	19,340	3.7	721
Florence	RH	2-8	305	15,209	4.2	645
Lloyd Wolf						
Doreen	RH	4-8	305	15,981	4.5	721
Jenny	RH	9-3	275	14,882	4.8	713
Princes	RH	4-7	305	16,641	4.2	696
Louise	RH	4-5	272	15,602	4.2	662
B. H. & D. R. Hershey						
Jewel	RH	5-1	305	16,175	4.4	719
Janet	RH	4-4	291	17,418	3.8	657
Masonic Homes Farms						
Jenifer	RA	5-4	269	14,336	5.0	717
R. Rebecc	RA	6-1	305	15,142	4.4	667
M. Goodyr	RA	5-9	305	16,054	4.0	639
Red Rose Research Center						
Bonnie	RH	11-4	305	17,732	4.0	716
Harold L. & Don Risser						
Queenie	RH	6-1	305	17,567	4.1	715
Aaron E. Beiler						
Nina	RH	7-1	305	16,206	4.4	713
Donnie	RH	3-6	305	16,513	4.2	692
Arlene S. Longenecker						
Posch	RH	6-5	305	17,655	4.0	710
Lloyd E. Miller						
Annie	GrH	5-2	301	15,809	4.5	708
Carol	RH	6-4	305	16,086	3.8	615
Levi K. Stoltzfus						
Marge	RH	6-10	305	16,246	4.3	705
C. Nevin Hershey						
Lolly	RH	4-8	305	19,996	3.5	704
David S. Smucker						
Martha	RH	6-9	305	18,313	3.8	701
J. Arthur Rohrer & Sons						
Bert	GrH	7-5	305	16,976	4.1	698
Aaron S. Beiler						
Dorcas	GrH	5-8	305	16,025	4.4	698
C. Robert Greider						
Evie	RH	7-6	305	17,859	3.9	695
Harry S. Aungst						
Sally	RH	9-9	305	15,517	4.5	694
Jaye	RH	8-9	305	15,550	4.4	682
Susie	RH	7-11	305	15,765	4.2	670
Leader	RH	6-5	305	18,191	3.6	663
Lily	RH	4-1	258	13,466	4.7	631
Betty	RH	3-6	304	12,487	5.0	621
John B. Groff						
4	RH	6-1	305	17,436	4.0	693
Vonnie	RH	3-8	305	18,846	3.5	664
12	GrH	4-4	288	14,618	4.3	632
Julia	RH	9-3	295	13,298	4.6	618
David B. King						
Pal	RH	5-4	305	22,143	3.1	688
Reuben L. Stoltzfus						
Mighty	RH	5-3	301	15,131	4.5	686
Joseph Eshleman						
Helen	GrH	4-2	305	16,640	4.1	684
Ida	GrH	4-3	305	16,032	4.1	659
Raymond & Louise Witmer						
Connie	RG	6-11	305	12,543	5.4	680
Ben S. Stoltzfus						
Petunia	RH	6-5	286	18,987	3.6	678
Paul H. Krantz						
Dolly	RH	4-2	305	16,866	4.0	677
Bell	GrH	10-6	305	18,454	3.5	643
Robert F. & Joan B. Book						
Cassie	RH	6-6	305	21,068	3.2	676
Harry Zimmerman Jr.						
Carol	RH	3-5	305	19,811	3.4	673
H. Richard Hershey						
Jennie	RH	10-7	299	17,143	3.9	672
Clyde W. Martin						
Posch	RH	5-6	305	17,391	3.8	669
Theda	RH	4-1	305	19,365	3.4	667
K. D. & Else Linde						
Laura	RG	6-5	305	15,576	4.3	669
Melvin H. Ranck						
Peggy	GrH	11-2	302	17,881	3.7	666
Henry & Paul Martin						
Bernice	RH	5-4	305	16,120	4.1	666
Walter E. Mowrer						
19	RH	7-2	305	17,203	3.9	664
23	RH	8-0	305	18,589	3.5	653
J. Wilmer Conrad						
Misty	RH	7-4	305	17,115	3.9	662
J. Earl Horst						
Wanda	RH	5-4	305	19,604	3.4	660
Pontiac	RH	11-5	305	17,656	3.7	656
Paul V. Nissley						
Dawn	RH	5-11	305	17,852	3.7	660
Crimson	GrH	8-4	305	14,990	4.3	648
Harold G. Shelly						
Lizzy	GrH	4-4	305	19,436	3.4	657
Jacob M. Conley						
Barbara	RH	7-3	305	17,842	3.7	657
Lilly	RH	4-4	305	17,925	3.5	630
Paul J. Weidler						
23	GrH	5-5	267	15,470	4.2	657
2	GrH	5-3	305	16,366	4.0	655
John & Elam Rutt						
Gloria	RH	4-2	305	17,313	3.8	655
Ivan Zook						
48	GrH	3-10	305	17,336	3.8	653
John U. Stoltzfus						
Hon	GrH	4-0	305	19,566	3.3	652
Mervin Sauder						
Dee Dee	GrH	5-7	305	17,140	3.8	651
Ivan Z. Martin						
Bretta	RH	5-4	305	14,264	4.6	651
J. Floyd Kreider						
Alta	RH	4-7	305	21,617	3.0	650
Christ L. Beiler						
Sugar	RH	5-2	305	15,456	4.2	650
James M. Eshelman						
Marie	RH	5-4	305	18,891	3.4	649
Raymond M. Weaver						
24	RH	6-5	299	16,757	3.9	649
50	RH	5-10	305	16,112	3.9	634
Paul H. Rohrer						
45	GrH	4-3	305	16,334	4.0	648
Parke H. Ranck						
Martha	RH	7-6	289	14,731	4.4	648
James D. Shertzer						
Gail	GrH	5-1	305	16,682	3.9	647
Lorinda	RH	3-2	305	13,742	4.5	616
Dan S. Stoltzfus						
Carol	RH	5-0	274	16,576	3.9	647
Robert W. Ulrich & Son						
Lily	GrJ	4-7	305	12,102	5.3	647
Maurice F. Welk						
Barbie	GrH	6-6	305	15,112	4.3	646
Allan R. Shoemaker						
Lucinda	GrH	9-4	305	17,708	3.6	645
Rosanne	RH	4-4	305	16,250	4.0	644
J. Wade Groff						
Patsy	RH	5-7	305	15,588	4.1	645
Curtis E. Akers						
Inka	RH	6-3	305	19,150	3.4	643
John B. Stoltzfus						
Betty	GrH	4-11	305	17,513	3.7	642
Dr. James D. Cox						
30	RH	6-0	281	14,156	4.5	640
62	RH	3-6	305	15,500	4.1	630
78	RH	5-6	305	15,386	4.0	619
B. F. & Mary Eshelman						
Elli 74	RH	2-4	305	14,176	4.5	639
Samuel M. Augsburger						
Sugar	RH	9-11	305	17,309	3.7	638
John H. Thomas Jr.						
Reba	RH	6-11	305	16,320	3.9	638
Glenn P. Book						
Cutie	GrH	4-5	305	15,480	4.1	638
Calvin D. Beiler						
Bonnie	RH	4-5	305	18,290	3.5	635
John L. Beiler						
Midnite	GrH	2-10	305	17,091	3.7	631
Aaron S. Glick & Sons						
39	RH	5-5	305	15,459	4.1	629
34	GrH	3-4	305	15,518	4.0	622

(Continued On Page 15)

HIGH DAILY BUTTERFAT AVERAGES

Name	Breed	Days On Test	No. Cows	% Cow Days In Milk	Milk Lbs.	% Test	Fat Lbs.
J. Z. Nolt							
	Mix	31	35.1	89.6	51.8	4.0	2.07
Earl N. Landis							
	R&GrH	32	49.4	93.1	53.2	3.7	1.99
Clyde W. Martin							
	R&GrH	34	89.1	96.3	50.2	3.9	1.94
Henry B. Leaman							
	R&GrH	31	25.5	103.2	48.7	4.0	1.94
Lloyd H. Ranck							
	RH	30	48.4	93.4	48.1	4.0	1.94
Amos F. Miller							
	R&GrH	27	27.7	93.5	47.4	4.1	1.92
Abner K. Glick							
	R&GrH	32	34.7	95.6	48.8	3.9	1.91
LeRoy M. Oberholtzer							
	R&GrH	29	42.5	88.1	46.7	4.0	1.89
Lester M. Weaver							
	R&GrH	23	85.0	91.3	47.3	3.9	1.86
Aaron E. Beiler							
	R&GrH	30	22.5	90.8	45.1	4.1	1.84
Rufus G. Martin							
	RH	25	25.0	89.1	47.2	3.8	1.81
David B. King							
	RH	33	30.8	87.4	47.7	3.8	1.80
Floyd M. Nolt							
	R&GrH	30	33.7	80.3	43.7	4.1	1.80
George M. Hurst							
	R&GrH	34	33.0	93.5	46.2	3.9	1.79
Ben S. Stoltzfus							
	R&GrH	23	40.0	85.0	42.7	4.2	1.78

FACTS FOR DAIRYMEN

by N. Alan Bair
Assistant County Agricultural Agent

An ounce of prevention is worth a pound of cure is still true after these many years, but it may also be true that an ounce of the wrong prevention or cure can be worth a tank of milk or a valuable animal. Out of necessity many dairymen are now doing much of their own veterinary work. Hopefully the work you are doing is under the direct supervision of your veterinarian--there is no room for guessing and mistakes.

The misuse of antibiotics is widespread as indicated by the amount of contaminated milk the dairies have to deal with. The loss of three days milk isn't the only economic loss you can incur by misusing a product. These losses can take many forms from condemned carcasses at slaughter to breeding problems.

Proper Use of Uterine Boluses

The routine use of uterine boluses seems to be gaining favor among dairymen. No doubt, they have great value in the treatment of various kinds of infections in the uterus. However, they should not be used except for specific reasons and under the supervision of a veterinarian.

Harvey Shaffer, Penn State Dairy Specialist, reminds us of some recent research in Mississippi that showed that neomycin boluses routinely placed in the uterus after calving actually lowered breeding efficiency. The treated cows required more services (1.7 vs 1.4) and 12 days longer (100.5 vs 88.5) to conceive than the untreated cows.

There is good reason for this difference. A bolus is composed largely of a carrier or filler. The body's defense mechanism reacts to it as with any kind of foreign material. The result is frequently a pocket of "sterile pus" which can interfere with conception when the cow is bred.

If a cow is in good condition and has no difficulty in calving, she will probably get along better without any kind of treatment. If an occasional cow has a uterine infection a month or so after calving, she should be treated at that time. If this becomes a herd problem, there is likely a reason for it, such as nutritional deficiency, dirty maternity area or venereal disease. Routine use of uterine boluses is a poor substitute for improved feeding and-or management.

This misuse of the uterine bolus is a good example of how not to get ahead by being your own veterinarian. Sure, you are going to be doing some of the things your vet used to do because he doesn't have the time and his time is expensive. But don't forget to ask for his advice for each situation. Save him and yourself a lot of problems.

Lanc. DHIA Report

(Continued From Page 14)

Elmer H. Weber						
Dora	GrH	6-0	295	16,343	3.8	626
Lester M. Weaver						
3C	GrH	4-10	305	18,006	3.5	625
Ray P. Bollinger						
Adele	RH	5-1	305	17,652	3.5	625
Jesse G. Balmer						
Taffy	RG	3-6	305	11,923	5.2	625
J. Clayton Charles						
Betsy	RH	5-1	302	16,178	3.9	624
Robert L. Weaver						
Rhelda	RH	8-5	259	15,213	4.1	619
William P. Arrowsmith						
Fannie	RJ	9-5	305	11,982	5.1	616
Allen Lee Stoltzfus						
Lois	RH	8-6	301	18,259	3.4	615

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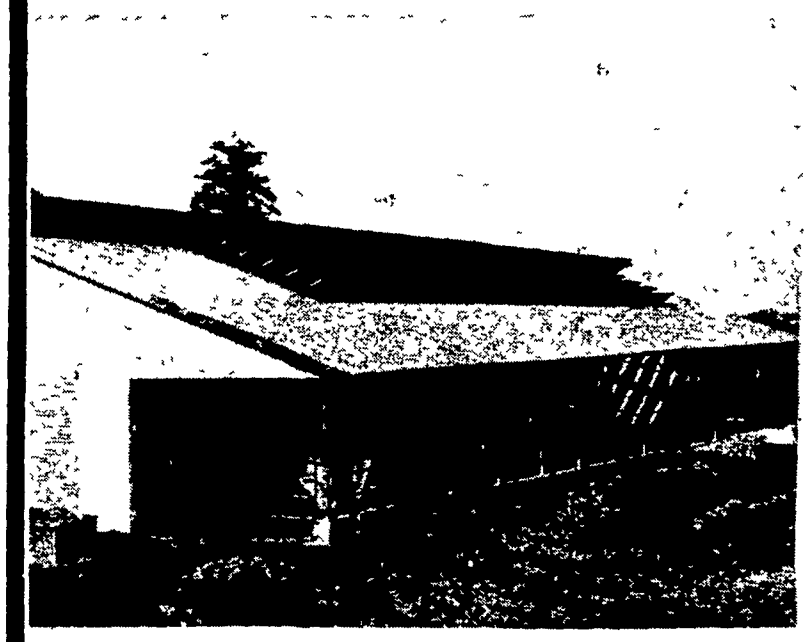

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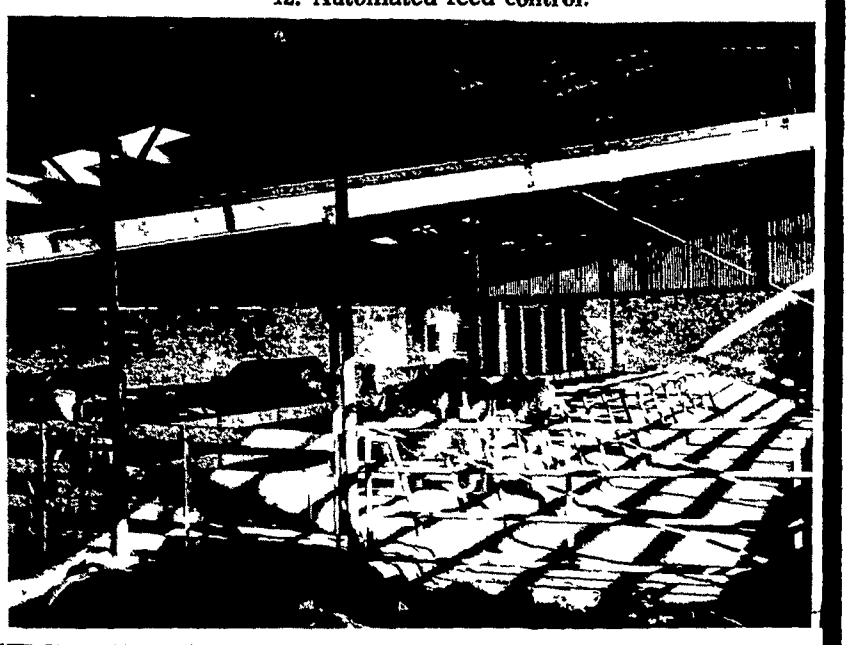

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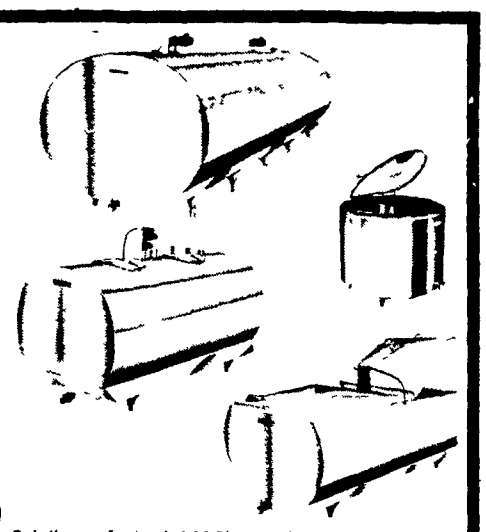

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The Holloway Plan For Beef Success

by Dieter Krieg
Farm feature writer

"If you have something - take care of it, otherwise you may as well not have it." That's William C. Holloway's philosophy, and his achievements with beef cattle are evidence that he practices what he preaches. The 44-year-old Holloway manages Crebilly Farm, West Chester RD5.

Crebilly Farm, with which Bill has been associated for nearly 14 years, is a 650 acre tract of land owned by Mr. and Mrs. James K. Robinson, Jr. Most of the finished cattle from this cow-calf operation are "market toppers". Bill says that in 1972 they had the top selling load of cattle at the Lancaster Stock Yards, and they have many repeat customers. "This farm has a reputation for having good cattle," he says.

One of the first things Bill did when he started at Crebilly was to switch from Hereford cattle to Angus. He arrived at this decision because of previous experiences with both breeds. "Angus cattle are known for their resistance to pink eye, calving problems, and sunburned udders" says Bill, who was born and raised on a beef-hog farm in Harford County, Maryland, and received that state's first F.F.A. star farmer award.

Some Angus feeder steers and heifers out of Virginia became the nucleus of the new Crebilly Farm beef herd, and Bill immediately took charge of a careful breeding program. According to Bill, some good breeding procedures to keep in mind are: "have a good registered bull around...a bull is a lot of cheap investment in the end" ...artificial breeding..."a conscientious farmer can do a better job with artificial breeding than the inseminator because of proper timing"...crossbreeding, and finally "there's no money in cattle that won't reproduce." As many as 350 head of cattle are kept on the property, depending on the season.

"I'm very well pleased," says Bill of results in breeding his own cows, something he has been doing for the past two years. He cautions, however, that for the practice to be effective,the cattleman must be interested, conscientious, and prompt. While continuing to breed heifers to Angus bulls, Bill has been using Charolais bulls on older animals since 1970. "The first cross has tremendous growth", he says. Heifers from the Angus-Charolais cross are bred back to Angus because the smaller calves make for easier, almost always trouble-free calving. Bill says occasional assistance is needed with the Angus Charolais cross, but most problems can be avoided by choosing the right bull.

Most of the calves are born during the first five months of the year. January, February, and March are considered ideal months for starting calves because of advantageous marketing conditions. There's also an absence of hot weather and flies, and calves are generally thriftier, healthier and wean heavier. Calves are taken from the dams at approximately 205 days of age. Bill said average weaning weight for Angus Steers is 513 pounds while the crossbred steers are weaned at 578 pounds. Angus heifers weigh about 443 pounds at weaning, while the crossbreds tip the scales at an average of 501 pounds.

The quality and growth factors Bill looks for in sires and dams must transmit because, as Bill puts it, "Trying to raise an inferior calf to top standards is throwing feed away."

After weaning, the calves go on pasture and receive a growing ration in self feeders. About June or July of the following year, the animals are moved to the feedlot where they are finished on a corn and barley mixture and all the free-choice hay they want. Hay, says Bill, serves to balance the animals' nutritional needs. The corn and barley mixture which Bill uses is of the home-made variety. "We do all of our own work except combining," he says. Ear corn, rather than shelled corn is used because he believes the cobs have some nutritional value, and considerable roughage value. The mixture never contains more than 50 percent corn, although it can vary greatly, depending upon the buying and selling alternatives he may wish to consider in his feed costs calculations. In addition to its feed value, Bill likes barley for its ability to take up moisture, keep the corn from heating, and prevent spoilage in the feeders.

William C. Holloway, manager of West Chester's Crebilly Farms, is one of the area's premier beef breeders.

Minerals and salt are provided to the cattle free-choice. Bill has never seen any advantage in the use of such growth stimulants as stilbesterol, and does not use them. His major reason for not using growth hormones and related products is because they require certain withdrawal periods. Without them he can take immediate advantage of optimum market conditions.

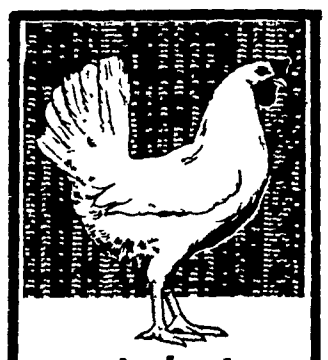
The cows at Crebilly Farm receive only pasture in the summer, and the poorer quality hay in the winter. Silage is not used at all in the feeding program because it tends to get the cows too fat, which in turn leads to breeding and calving complications. The beef animal is capable of utilizing a lot of roughage, says Bill.

Careful attention must always be paid to the animals who have freshened and are nursing calves. Normally, says Bill, a beef animal does not produce enough milk to get mastitis, but it can happen if a calf frequently fails to suck on a certain quarter. Negligence is nearly always the reason behind mastitis. He has not had a single case in the 14 years he has been there.

Milk production is an important factor to consider when selecting breed cows because the calves must attain their desirable weaning weights while nursing the dam. A normal lactation for a beef cow is about seven months; however Bill pointed out that a cow will usually dry herself up even if the calf dies at birth.

There aren't many health problems in the Crebilly herd. Annual TB and

Continued on Page 17)



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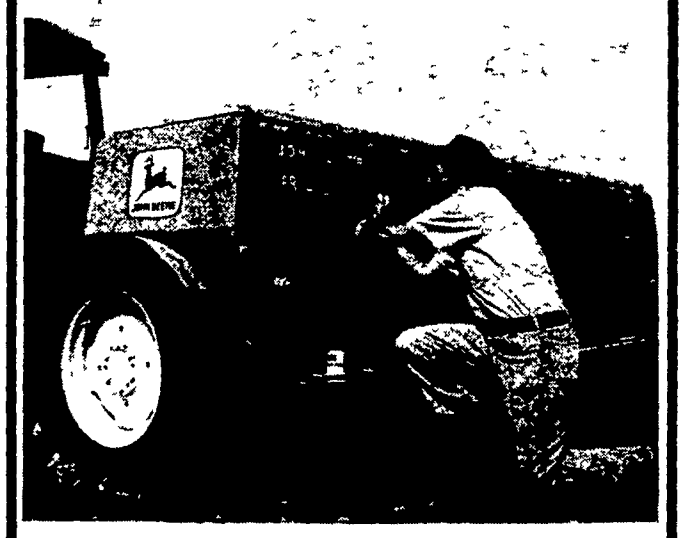

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Holloway

(Continued From Page 16)

brucellosis testing is just one of several management tools used by Bill to prevent diseases and complications. Incidents of retained placentas and twisted stomachs have not occurred.

One problem Bill does encounter occasionally is foot rot. He believes in having a good working relationship with his veterinarian. Advice is followed religiously, as are directions on any medication he may give on his own.

As with a dairy herd, a program to "weed out the bad cows" exists on a beef farm. Some culling factors cited by Bill, the coach of two state-winning Chester County livestock judging teams, (1967, 1972), are: reproductive efficiency; evaluation of offspring; and milking ability - feeding the calf to a heavy weaning weight. Being firmly convinced that "there is no money in cattle that won't reproduce", he enforces his culling practices very strictly.

Corn, oats, barley, alfalfa, clover-timothy, and timothy-bromegrass are the crops grown on 350 of the 650 acre farm. Two-hundred-twenty-five acres are in pasture and the balance is woodland. Bill has all of the land contoured and stripped, and uses soil tests and crop rotation in his land management program. During the summer he hires extra help to bring in the crops, all of which can be stored on the place, and much of it is sold at optimum prices later in the year. Concerning hired help, Bill mentions: "I was hired as a working farm manager...I don't ask anyone to do what I wouldn't be willing to do myself...I enjoy working with youths."

Sharing his love for farming, the outdoors, and cattle, is Bill's wife, the former Patricia Knight. She enjoys playing the piano, sewing and participating in numerous 4-H and church activities. Their children, John 12, and Rachel, 10, are active in 4-H and enjoy showing some of the beef animals. Both have shown grand champion animals at such events as the Pennsylvania State Farm Show and the Keystone International Exposition. Scores of ribbons and trophies decorate one corner of the Holloway kitchen. All of them were won by the children during the past year.

Bill and his wife are still very active members of the 4-H organization. Bill is a recipient of the 1972 4-H alumni award, and is a Maryland 4-H all star member. Among many others, he has won awards for leadership and livestock judging. Recognition of his talents and achievements has even spread to colleges such as West Chester State and Delaware Valley. Classes from these schools visit occasionally to study geography, conservation, ranching and beef cattle.

The Holloways believe farmers should take an active part in urban development in order to create a better understanding between farmers and city dwellers. Both are very active in community affairs, particularly 4-H projects, of which they often serve as either advisers, leaders, or treasurer. The family belongs to the Birmingham Friends Meeting, and impressed this writer as being very fine representatives of "Chester County hospitality"

Ephrata Junior High School Ag Club members journeyed to Tioga County recently to cut browse for deer feed and wildlife cover. Club members shown here taking a break from their chores are, left to right, Dennis Strohm, Steve Strauss, Nevin Horst, Jeff Bowers and Robert Fox. Melvin Sauder, extreme right, was a chaperone for the trip.

Jr. Ag Club Rescues Deer On Browse Cutting Expedition

The rescue of a starving deer highlighted a browse cutting trip to Tioga County for Ephrata Junior High School's Junior Agriculture Club. Club members came upon the hapless victim lying in the frozen snow along Little Pine Creek.

The club was represented by Jeff Bowers, Glenn Diggin, Robert Fox, Linford Frey, Nevin Horst, Charles Long, Kevin Sauder, Steve Strauss, Dennis Strohm, and Tim Young. Melvin Sauder helped chaperone the boys along with Charles Ackley, vo-ag teacher and club advisor.

The group traveled to Morris by car and school truck Friday afternoon, Jan. 18. They stayed at the Roger Stover cabin.

Friday evening they toured the Raymond Butters Dairy farm. Steve and Jerry Butters, Liberty FFA Chapter members, were the guides. The highlight of the tour was a new born calf learning to eat its first meal.

Saturday morning the boys traveled to Potter County to tour the Lumber Museum.

Dave Brown, Game Lands Manager, took the boys on a hiking field trip of Game Lands 64 and explained various game land management practices, including wildlife plantings, feeding lanes and browse cutting. The balance of the day was spent cutting browse for winter deer feed and grouse cover.

The boys visited the Pa. Grand Canyon and Little Pine State Park, attended church in Morris and returned home Sunday evening.

Paul's Corner

The other day I heard two fellows talking about how successful a friend of theirs had been. A big new house, two new cars in the garage and money in the bank. It's a sad but true fact that in today's society we tend to measure a person's success by how much wealth they have accumulated. At Lancaster Ford we believe success goes far beyond attaining wealth. True, we expect a fair return on our investment but we also feel a great responsibility to be honest and trustworthy in our dealings, to be reliable in the work we perform and to treat everyone the way we would like to be treated. It is our desire that the relationships we develop will result in long lasting friendships that go far beyond the normal business-customer relations. We firmly believe that all our rewards in life will be in direct relation to our service. We hope you will take the time to stop and say hello and meet all The Friendly People at Lancaster Ford.

Paul

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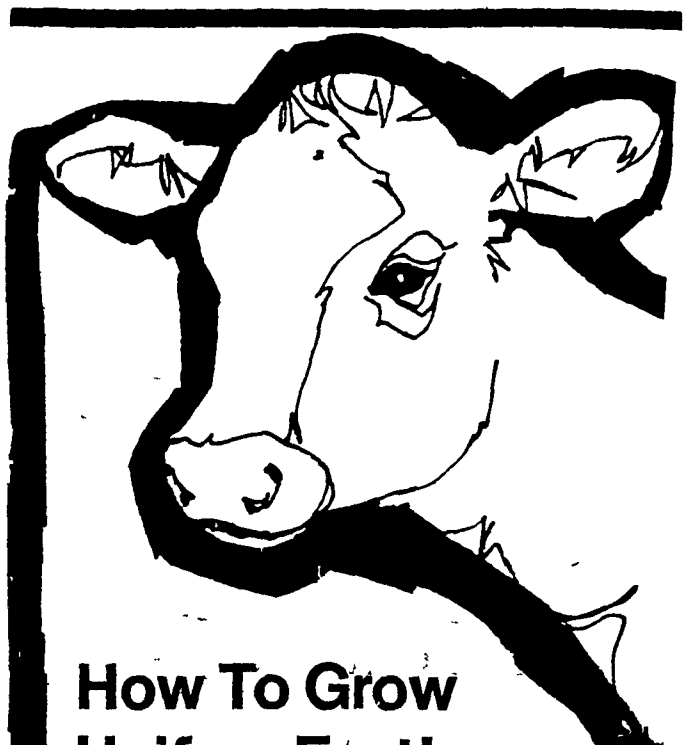
is coming.



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Guyana

(Continued From Page 1)

than abundance. When that day comes, we may turn for answers to men like Alton Daw, from the tiny South American republic of Guyana.

Daw, who teaches agricultural science to high schoolers in Georgetown, Guyana, is in Lancaster County for a total of three weeks to observe the workings of a vo-ag educational program. He's staying with families in the New Holland area, and working with Garden Spot High School's vo-ag department. Daw is finishing up a six-month stay in the U.S. as an International Educational Development Program scholarship recipient. This is the program formerly known as the Fullbright Scholarship.

"I think we need programs like FFA and Young Farmer groups in Guyana," Daw told Lancaster Farming in an interview this week at the Robert Martin farm, one of the host families he's staying with. "There's not enough contact between our farmers, and our educators and extension people."

Guyana, which was known as British Guina until May, 1966, has a long history as a European colony. First came the Dutch, who controlled the country from 1580 to 1780. The Dutch left their trademark on the country in the form of elaborate sea defenses and a fertile coastline, much of which is below sea level. The British gave the colony their form of government and their educational system.

"As a colony," Daw says, "we became dependent on handouts. We never really learned to deal with our own problems. Our education system must be changed, because it was too academic in times past. We weren't teaching enough practical knowledge. Here, you do have vocational education programs, and I hope we can transfer some of your successes to Guyana. I think we have to be on guard, though, that we don't take too much academics out of our programs. Math, science, the arts - these are still necessary."

Guyana is relying on cooperatives to combat many of the problems associated with developing countries. Not only are there farming cooperatives, there are groups formed for building bridges, schools and houses, as well. In America, these needs are usually met with massive infusions of federal, state or local government funds. In Guyana, citizens receive materials from the government, and cooperatives provide management and labor to complete the projects. "We're learning a lot about how these cooperatives should work," Daw said, "and maybe someday we can share that knowledge with you."

Guyana is a small country, with only 760,000 people on 86,000 square miles. Only about 215,000 people are considered part of the country's labor pool, and some 90 percent of the population live on the republic's coastline.

About one-sixth of Guyana's income comes from agriculture, and the bulk of the rest comes from mining. Gold and diamond mines are factors in the country's economy, but bauxite, or aluminum ore, is by far the biggest revenue producer. The bauxite industry was nationalized some years ago, and the Guyanians are trying to heal the ugly scars left on the landscape by the mining companies.

Rice, sugar cane and coconuts are the principal agricultural products. Daw said his countrymen are striving for self-sufficiency in milk and meat production, but the cattle in this tropical climate are hampered by pests and by the lack of feedgrains. Both dairy and beef animals are pastured throughout the year.

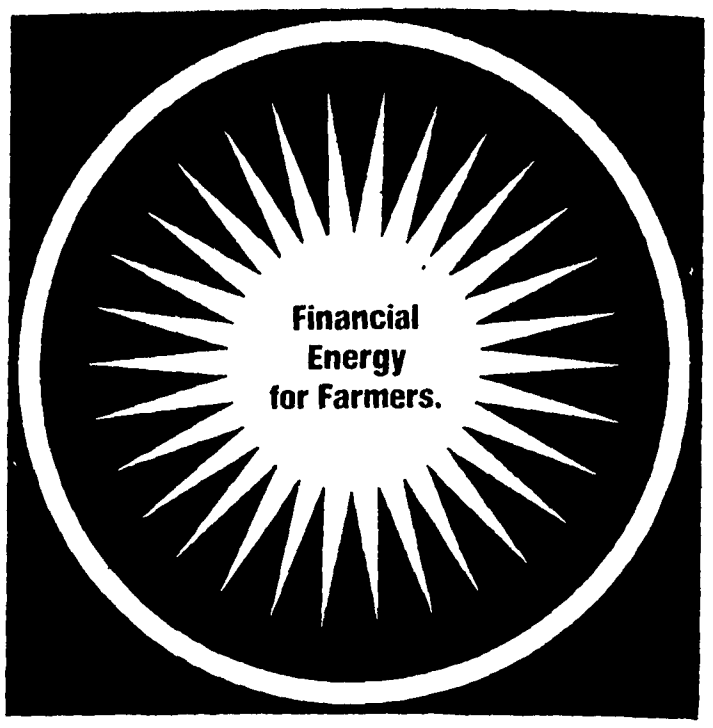
In 1961, Guyana's cattle population was decimated by a foot-and-mouth disease epidemic, and a flood in 1969 wiped out large numbers of animals. The government is now working with 20 cattle ranches in an attempt to build up the industry. Holsteins are being imported from America, and beef breeds such as Angus, Hereford, Charolais and Santa Gertrudis are being crossed with Zebu, a tropical breed.

Daw has been impressed by what he's seen of Lancaster County farming. "There are some parallels here with farms in Guyana," he said. "We have many small farms, some as few as ten acres, or even less. Others are more the size of farms here, maybe 50 to 200 acres. Farmers here are both more intensive and extensive than our farmers. They're organized better and they're able to carry out a diversified farm program. We must teach our farmers how to do that.

"One problem we've been having is that the smaller farmers are often overmechanized. They're selling their oxen and buying tractors which are too big for the number of acres they have. We hope that through cooperative buying, many of these small farmers will band together to buy tractors and share them."

Daw will be in the county another week, then he'll go to Penn State for a week, then to Washington, D. C. for another week and then home. The first four months of his U. S. stay were spent at the University of Texas in Austin.

When he returns home, Daw will see for the first time the twin boys his wife bore in November, while he was in Texas. "I was only expecting one," he laughed, "like the first time." The Daws also have a 22-month-old son. "Maybe next time it will be three."



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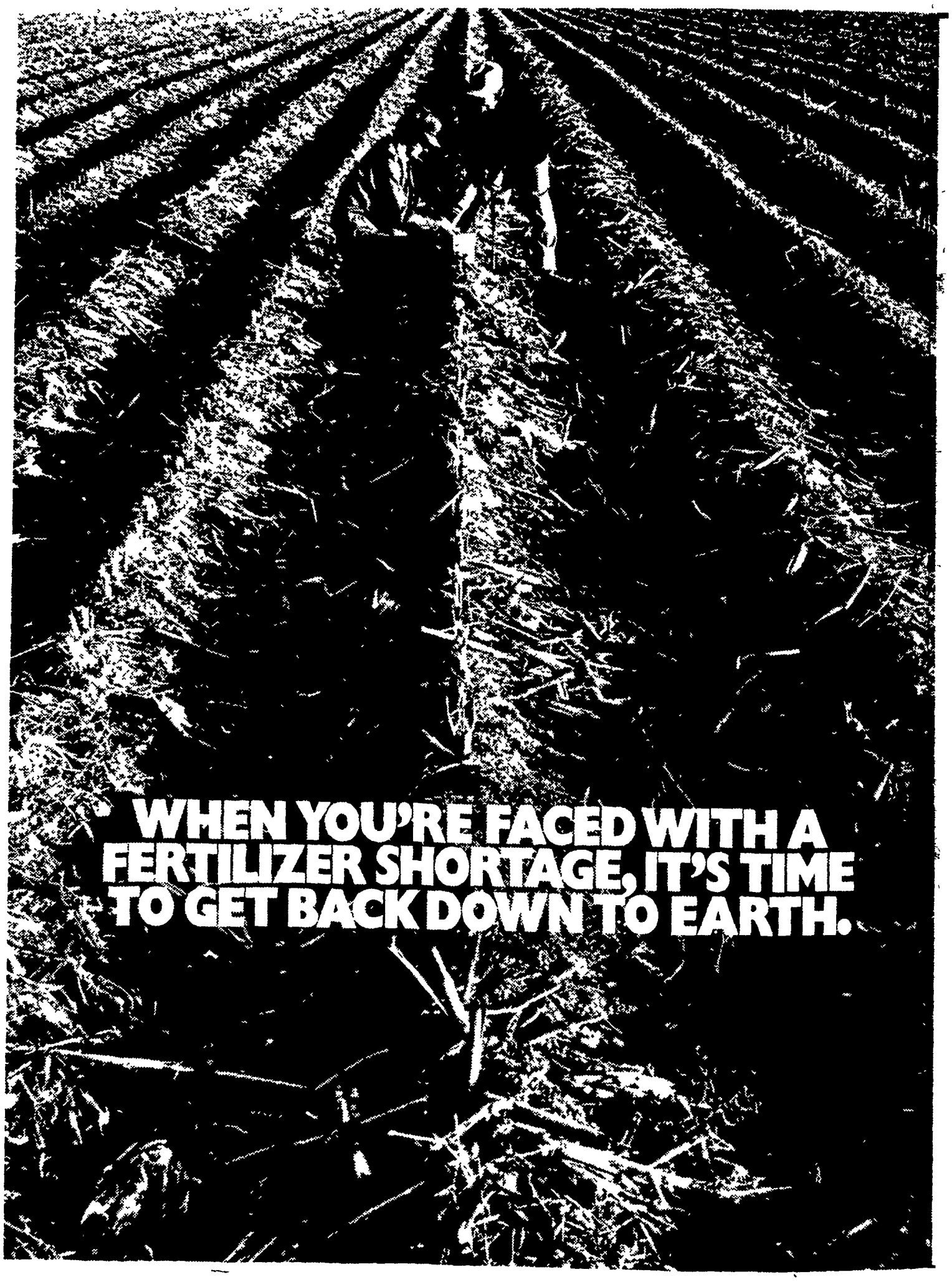

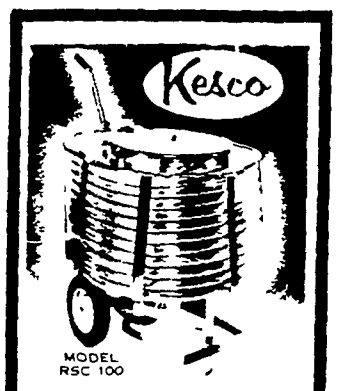

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Pomona Grange 71 Installs Officers

Lancaster County Pomona Grange 71 held a dinner meeting recently at Rhoads Restaurant, Quarryville. Pomona Master Jesse Wood presided at the business session when the Grange went on record in favor of the bill in the state legislature which prohibits the sale of obscene literature to anyone and opposing any amendment that would permit sale of pornographic material to adults.

They also sent this resolution to Pennsylvania congressmen:

WHEREAS, Congress has passed a law offering states 141 million dollars to adopt a mandatory automobile seat belt law. And

WHEREAS, Seat belts to some individuals are very annoying and anything that annoys a driver becomes a potential hazard. And

WHEREAS, Seat belts in many instances have tied individuals in their car causing them to be drowned, burned or suffocated. And

WHEREAS, We maintain that it is every individual's God-given right to decide whether or not he or she should use seat belts. And

WHEREAS, We believe that the practice of using the people's money to bribe states to pass any law is unjust, unfair and dishonest. Be it

RESOLVED, That Lancaster Co. Pomona Grange 71, meeting in regular session January 19, 1974, demand that this practice be abolished.

Charles McSparran, assisted by William Ambler, marshal; Miss Judy Longenecker, regalia bearer; Miss Jean Moss, emblem bearer; Laurence Temple, soloist; and Glenn Hough, pianist, installed the following officers: Jesse Wood, Master; LeRoy Welk, Overseer; Mrs. Jesse Wood, Lecturer; Clifford Holloway III, Assistant Steward; Miss Joyce Galbreath, Lady Assistant Steward; Norman Wood, Treasurer; Mrs. Charles McSparran, Secretary; Gyles Brown, Gatekeeper; Miss Peggy Galbreath, Ceres; Mrs. Joseph G. Hess, Pomona; and Mrs. Rebecca Quinn, Flora.

The following committees were appointed for a two-year term: Women's Activities, Mrs. J. Stanley Stauffer Jr., Mrs. Charles Reath, Mrs. Ira Welk and Mrs. Loran Brinton; Legislative, Norman Wood, Charles McSparran and Melvin Boyce Sr.; Youth, LeRoy Welk, Clifford Holloway III and Miss Joyce Galbreath; Membership, Clifford Holloway Jr., Thomas Galbreath and David Brinton; Young Marrieds, Mr. and Mrs. David Knight and Mr. and Mrs. Richard Holloway.

All Pomona officers, committees, State Deputy, Subordinate Grange Lecturers or other interested members are invited to attend a planning session and code-reading class at the home of Mr. and Mrs. Jesse Wood, Little Britain, February 2, 8 p.m.

All youth of Lancaster Co. Subordinate Granges are invited to a Fun Night at Fulton Grange Hall February 16, 8 p.m.

The Lecturer, Mrs. Jesse Wood, conducted the annual memorial service for the following members: Edgar K. Brown, Mrs. Mary P. Giffing, Paul H. Uibel and Leslie I. Bolton. Thomas Galbreath read the 24th Psalm. The Lord's Prayer was repeated in unison, Mrs. Wood read a tribute to the deceased members and the following decorated the altar and gave fitting remarks for each one: Mrs. Joseph G. Hess, Mrs. Clifford Holloway Jr., Mrs. Rebecca Quinn and Miss Peggy Galbreath. Group singing "Bless Be The Tie".

Mrs. William Buffington, Flora of the Pa. State Grange and William Buffington, State Grange Deputy, of Chester Co., gave remarks.

The spring meeting of Lancaster Co. Pomona Grange will be held at the White Horse Fire Hall as guests of Salisbury Grange April 20, 8 p.m.

Grange 66

Fulton Grange 66 held their regular semimonthly meeting recently at the Grange Hall in Oakryn with the Master Charles McSparran presiding at the business session.

The youth committee reported 42 attended the Christmas party. Games and a gift exchange followed the caroling for shut-ins. The Lecturer, Miss Joyce Galbreath decorated the hall with a Christmas tree and greens.

The centennial committee reported on the January 4th banquet and made an announcement of the 100th anniversary program for May 4.

Two resolutions committees reported.

Jesse Wood announced the January 19 Pomona Grange dinner meeting to be held at Rhoads Restaurant, Quarryville.

Reports of the State Grange Deputy School held the last week of December at Penn State University were given by Mr. and Mrs. Clifford W. Holloway Jr. Mr. and Mrs. Thomas Galbreath and Mr. and Mrs. Jesse Wood also attended.

Harry Baker exhibited and told about his articles which were over 100 years old. Among them were a grain cradle, churn, rifle, broad axe, adz, log anchor, sadiron, butter scales, spring balance scales, shingle splitter, crocks, tallow lamp and pruning shears.

The refreshment committee provided a large cake decorated for the 100th birthday of Fulton Grange. Their first meeting was held January 2, 1874 and the charter was granted January 8, 1874.

The next meeting will be held January 28, 8 p.m.

Don't Tailgate

Increase your following distance while driving, especially during the winter months, cautions the Cooperative Extension Service Emergency Preparedness and Safety Committee of The Pennsylvania State University. For winter driving: Be sure to signal your intentions before changing directions Don't ever forget this

Right now, the world demand for farm products is higher than ever And this year more acres will be planted than any year since 1956.

But the results you get in yields and profits depend on how carefully you manage your farm Particularly your fertilizer supply

So it's more important now than ever to get back to the basics of sound farm management And to consider some new techniques and alternatives if you can't get all the fertilizer you want In quantity or grades

We'll try every way we know to meet your requirements Our plants are producing to capacity But it's also our responsibility to help you get the most out of the money you spend on fertilizer As a starting point, consider these suggestions

Soil test every field It will determine your actual plant nutrient needs Soil testing is the way to make sure you apply only what's needed Our complete soil test gives you requirements for calcium and magnesium as well as phosphate, potash and lime The amounts you apply can be adjusted to the levels in your soil This assures the right balance of plant nutrients

Be sure you lime according to your needs It increases the efficiency of available fertilizer

Carefully plan every field you have Think about past performance and which crops yield best in which fields Use your best fields for your highest value crops

In case you can't get all the fertilizer you want, you're better off to fertilize your best fields to optimum Cut back on your less productive soils and consider banding rather than broadcasting

If it's practical, plant crops that require less of the plant foods that are short This usage chart gives you a general rating, with the highest use crops at the top and the lowest use crops at the bottom

PLANT NUTRIENT UPTAKE

Nitrogen	Phosphate	Potash
Coastal Bermuda	Coastal Bermuda	Coastal Bermuda
Corn	Tobacco	Alfalfa
Tobacco	Cotton	Tobacco
Cotton	Corn	Cotton
Wheat	Wheat	Corn
Peanuts	Peanuts	Peanuts
Soybeans	Soybeans	Soybeans
Alfalfa	Alfalfa	Wheat

If you are double-cropping, lime and fertilize for the major crop For instance, if you are growing soybeans and wheat, lime and fertilize with the soybeans in mind Be sure to inoculate the soybeans

Frequently, a crop following a high value crop that has been fertilized heavily will not require additional fertilization You can get by on less fertilizer this year if your soil tests are high But remember that the drain on your soil reserves will decrease future yield potential

Be sure your crops get the micronutrients needed for proper growth and maturity This table lists major crops and their response to micronutrients

	Micronutrient Response				
Crop	Boron	Copper	Iron	Manganese	Zinc
Alfalfa	High	Low	Low	Medium	Medium
Corn	High	Medium	Low	Medium	High
Cotton	High	Low	Low	Medium	Medium
Peanuts	High	Low	Low	Medium	Medium
Soybeans	Medium	Low	Low	High	Medium
Tobacco	High	Medium	Medium	Medium	Medium
Wheat	Low	Medium	Medium	Medium	Medium

Maybe there is a chance you'll have less fertilizer to work with this year But it's our job to make sure you get all the help you want in using your fertilizer efficiently The suggestions here are simply some principles of sound farm management When you use them, your chances for optimum yields and profits in 1974 can only get better

If the fertilizer shortage is telling us to get back down to earth we've all got to listen

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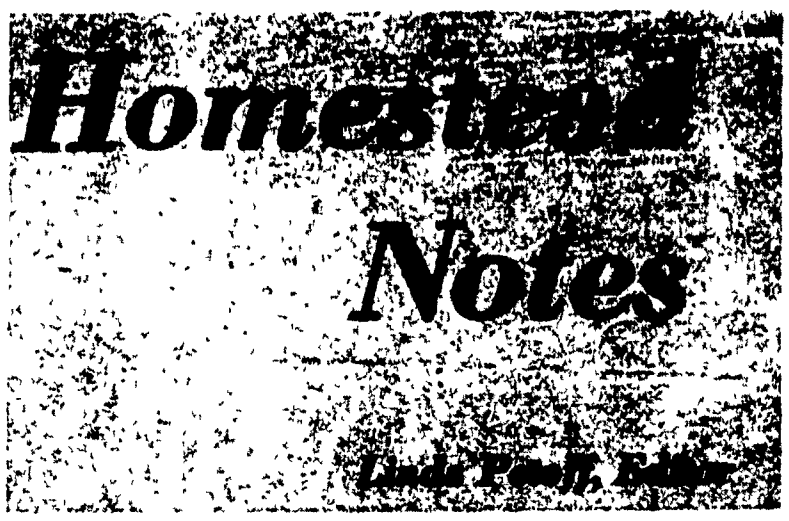

Getting Back-to-Nature with Terrariums

By Sally Bair
Feature Writer

The winter season is an ideal time to take stock of your house plants and perhaps add new interest to your greenery by creating your own terrarium.

Terrariums are enjoying tremendous popularity this year, and with a little ingenuity you can put to use some of those unusual glass containers you have been saving and make yourself an interesting back-to-nature project which the whole family will enjoy. They also make an ideal gift for shut-ins because they require little attention.

According to Miss Judith Levine, floriculture teacher at Brownstown Vocational Technical School, terrariums offer "the perfect environment, and the perfect humidity" in which plants can flourish. "And," adds one of her students, "Everybody thinks they're interesting."

Miss Levine says there are three basic kinds of terrariums. There is the woodland terrarium which can be created from "anything that grows in a wooded area." She suggests using such things as crow's foot, moss, likens, partridge or tea berries, and says the fall and "middle spring" are the best times to bring back your treasures from the woods to plant in a terrarium.

The second basic type is the tropical terrarium, which is made with greenhouse plants. The possibilities are really wide open, but a few suggestions for plant material made by Miss Levine include watermelon or ripple leaf peperomia, creeping fig, wandering jew, nerve plant, club moss, bird nest fern, begonia, ivy, minature African violets, draceana, or tropical prayer plants.

The third type is a desert terrarium, which would use cacti, jade plants or succulents as plant material. Miss Lavine says, "Any plant which can stand a little moisture" would be a good choice. She added that cacti require more water than most people thing.

Plants can be mixed in a terrarium at will as long as they have the same basic requirements for light and temperature. Miss Levine cautions, "You can't mix oranges and apples."

Materials you will need for your terrarium include the container, gravel or perlite, charcoal, the soil mixture and the plant materials.

For the woodland terrarium, Miss Levine says, "It's best to find the soil around the plants." This can be mixed with one third sand to improve drainage. The sand used in these soil mixtures should not be too fine like seashore sand or it will pack too solidly. Perlite can be substituted for the sand.

In the tropical terrarium, the soil mixture should be one third garden soil; one third humus or leaf mold - purchased or found in the woods; and one third sand or perlite. She cautions that if you use your own garden soil instead of purchasing it, the soil must be sterilized. To sterilize soil, spread it on a baking pan in a 200 degree oven, baking it about half hour or until it reaches 180 degrees in the center. Another way of telling when it is sterilized is to bake a potato simultaneously and when the potato is done the soil is finished.

Here are some of the materials needed to create your terrarium: glass containers, variety of plant materials, and drainage materials - charcoal, gravel and perlie.

For the desert environment, the soil mixture should be one quarter fine garden soil, one quarter humus and one half sand or perlite.

Your imagination is the limit when you're choosing the container. Miss Levine suggests looking in housewares departments instead of garden centers if you're buying because the variety is greater. She also says, "Stay away from darker glass because plants need all kinds of light and some kinds will be filtered out by colored glass."

Fishbowls, aquariums, apothecary jars, glass cookie jars, the new decorative storage units and even some lucite and plastic containers make interesting terrariums. You may want to choose the container with the final result in mind. For instance, an apothecary jar makes an excellent container for a single plant, while the larger containers require a variety of plant material. With the new interest in bottle cutting, Miss Levine suggests that you may want to make your own container.

The inevitable question arises about terrariums in a bottle. Miss Levine says, "They're best left to professionals." It requires a great deal of patience and maneuvering to assemble a bottle terrarium, and to do it you need tools like slender grabbers, forceps, long scissors and a long handled spoon or one attached to a long stick for tamping the soil.

Miss Levine says she likes to "use accessories to create a natural setting." She suggests using rocks, seashells, ceramic ornaments, snail shells, figurines, deer, mushrooms, turtles and the like to add interest.

The first step in the actual assembly of your terrarium is to clean the container. Miss Levine says, "Clean the container well with a commercial glass cleaner or very hot water, bacause it's very difficult to clean later."

Now line the bottom of the container with a layer of drainage material. The material should be either gravel or perlite - up to two inches. Miss Levine suggests adding charcoal - a little will do the job of preventing the soil from souring, but a thin layer will create more interest in the terrarium.

Next the soil mix is added. Miss Levine notes that netting can be placed between the perlite and the soil so it doesn't mix.

If you're making a sizable terrarium, Miss Levine suggests that you may want to sketch your ideas on paper before beginning the actual work in the terrarium. She suggests adding hills, valleys, paths and lakes (out of a plastic container lid) to keep the effect as natural as possible. She also

(Continued On Page 22)

Before inserting the plant in the terrarium, gently knock soil from the roots.

A single miniature African violet in an apothecary jar would make a lovely gift.

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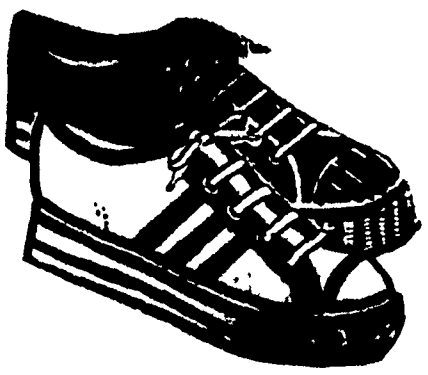

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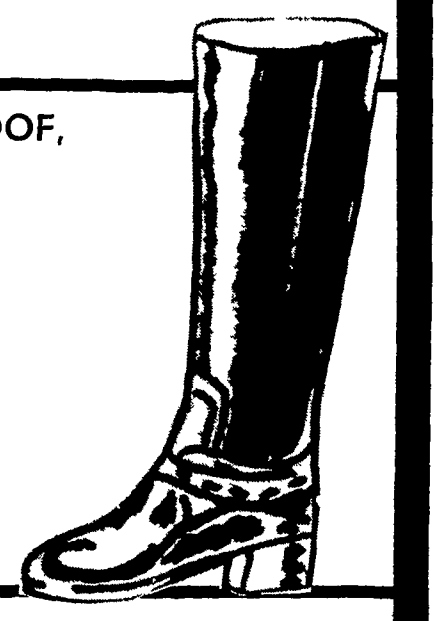

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Farm Women Societies

Society 3

Farm Women Society 3 met Jan. 19 at the home of Barbara Stauffer, Ephrata RD1. New officers seated were Mrs. Jesse Balmer, Lititz RD4, president; Mrs. John Edwards, Ephrata RD1, vice-president; Mrs. Earl Smoker, Stevens RD1, secretary; Mrs. Earl Miller, Hopeland, asst. secretary and Mrs. Ivan Eberly, Ephrata RD1, treasurer.

The business meeting, conducted by Mrs. Balmer, consisted of the following contributions: Ephrata Community Hospital, Cerebral Palsy fund, and the Lititz Meals on Wheels.

A report was given on a visit to the Society's adopted daughter at the Hamburg State School by Mrs. Harvey Gehman, Mrs. Earl Miller and Mrs. Clarence Stauffer.

Feb. 21, members of Societies 2 and 3 will visit Conestoga View with a treat and entertainment for guests.

Feb. 16, members will be entertained by Society 18 at the Farm and Home Center in Lancaster.

Jan. 25, members will serve all day at the snack bar in the Ephrata Community Hospital.

The next meeting will be held Feb. 23 at the home of Mrs. Frank Snyder, Hilltop Drive, Ephrata RD2.

Society 8

Farm Women Society 8 met at the home of Mrs. Martin S. Musser, 327 S. Market Ave., Mount Joy, Jan. 19th. Twenty two members and two visitors attended. Anna Mae Eby conducted the meeting. Mrs. Lewis Bixler was in charge of devotions. Anna Mae Eby led the group in singing several songs. The treasurer's report was given. Mrs. Clarence Greider and Miss Mary Grace Martin each favored the group with a piano solo.

Mrs. Minnie Kolp has now returned home, having had a cataract operation.

Those attending the County Convention at Harrisburg were Mrs. Wm. Heisey, Mrs. George Houseal, Misses Anna Mae and Ruth Eby and delegates Mrs. Warren Heisey and Mrs. Harold Frey. Miss Ruth Eby read the report gathered from happenings at the Convention.

Please note a change of date for February. Mrs. Paul Witman will be special speaker, presenting slides of Farm Society European Tour, on Feb. 9th. instead of Feb. 16th. at St. Marks United Methodist Church, Mount Joy at 2 p.m.

Society 12

Farm Women Society 12 met at the home of Mrs. Robert Hocking, 2734 Kimberly Road, Lancaster. Mrs. William Shenk was co-hostess.

Members named their favorite craft. A discussion was held on a trip to the Flower Show to be held March 12.

The Society will sew for the American Cancer Society Feb. 19 at the home of Mrs. John Kindig, Conestoga, RD1.

Society 14

Farm Women Society 14 approved a donation of $30 to Christ Home of Paradise and $10 to the American Cancer Society during a recent meeting at the home of Mrs. Leon Thomas 217 Willow Street Pike. Members completed 85 bed pads for the Cancer Society at their January all day sewing.

Speaker for the afternoon was Mrs. Barbara Hildebrand from the American Cancer Society. She told us how to give ourselves a breast check (so simple and so important).

Next meeting will be Feb. 13 at Mrs. Everett Newswanger's, 1753 Lincoln Highway East. The program is a Nonsense Sale.

Society 18

Farm Women Society 18 met on Saturday, Jan. 19 at the home of Mrs. J. Wilbert Carper, RD1, Manheim. Devotions were led by Mrs. Thomas Erb III and roll call was answered by each member telling "what I do when I do as I please".

The business session was conducted by the newly installed president, Mrs. Jay Landis. Reports were given on the recent state convention of Farm Women held at Harrisburg during Farm Show Week by Mrs. Tobias Leaman, Mrs. Charles C. Burkins and Mrs. Henry S. Nissley.

Plans were made for the next meeting which will be held at the Farm and Home Center on February 16

Back-to-Nature

says some plants with height should be used and probably a vine.

Gently knock the soil from the roots of the plant. You may even want to rinse off the roots so the soil doesn't get on the walls of your container as you work. Make a depression in the soil mix in your container, press in the plant and firm up the soil around it. Follow the same procedure with each plant, keeping an eye on the total effect from outside your container.

When all the plants are in position, wash off the leaves. Then take a soft cloth and clean the walls of the container. Wet down the soil until you see water running to the bottom through your drainage layer.

Now that you've created a work of natural beauty, how will you care for it? If your container doesn't have a cover, plastic wrap should be used to cover it. High humidity is good for your terrarium, but the plants "must breathe" according to Miss Levine, so you will have to lift the cover occasionally.

Knowing the proper amount of moisture to add is sometimes difficult, but a neat trick Miss Levine suggests is to put two tiny straw flowers in your terrarium and observe them. When they are closed the environment is fine; when they open, your terrarium needs to be watered.

An essential piece of equipment for keeping your terrarium, according to Miss Levine, is a mister. These can be purchased at garden centers, or you can use an atomizer or a spray window cleaner bottle. This can be used for cleaning the leaves of your terrarium as you're working, and it should be used for watering. If you have nothing suitable, use a watering can with a very slender spout. It is important not to disturb the soil and to water very gently.

If the leaves begin to turn yellow or if they turn brown around the edges, your terrarium has too much water, and if there's wilting, get out the mister. If moisture collects on the inside walls of the container, open it up for a short time.

Your terrarium does not need to be fed, because a good soil mix contains plenty of food, Miss Levine said.

Your terrarium should be placed on a coffee table or window sill - anywhere that it doesn't get direct sunlight. It needs natural light, according to Miss Levine, but direct sunlight will cook the plants. A student related that she had placed her terrarium on a window sill and moisture collected under the container, causing it to crack when she tried to move it. A terrarium can be used as a hanging plant also, Miss Levine says.

A properly planted and cared for terrarium will give you enjoyment for six months to two years, according to Miss Levine, or until the plants get too big for the container. Plants can be removed as they outgrow the available space or crowd other plants, but Miss Levine stresses the importance of selecting small plants initially so your enjoyment will be longer lasting.

Two Manheim Twp. students helped in putting together the terrariums you see here. They are Kim Waidley and Molly Drumm.

So brighten up your winter by creating a terrarium for your home or for a friend.

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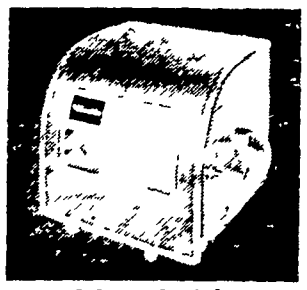

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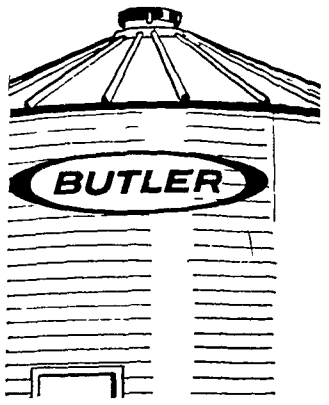

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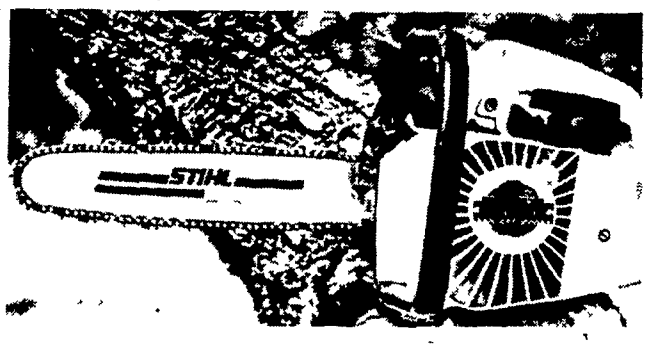

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LADIES HAVE YOU HEARD?

By Doris Thomas, Extension Home Economist

Iron Important Tool In Sewing

Your iron is one of your most important sewing tools. In fact, today, you may use it more when you sew than for ironing. But just because modern fabrics don't wrinkle doesn't mean they don't require careful pressing as you sew. Careful pressing can do as much for a professional appearance as good sewing techniques.

Many fabrics are made in whole or part with manmade fibers. Most of the manmade fibers require low heat so there is a tendency to exert too much caution and underpress these fabrics.

When you sew, test press a swatch of the fabric before pressing the garment. This will help you determine the amount of heat and steam needed for a smooth appearance. Your steam iron may not give enough moisture for most permanent press fabrics and synthetic knits, so also use a dampened press cloth. The press cloth also will protect the surface of the fabric and prevent the shine and flattening that can develop from too high heat.

The areas that need the most pressing attention are those that happen to have more than one fabric thickness–seams, facings and hems. Seams should have an even press for the length of the seam. Exert the most pressure at the line of stitching if possible, rather than at seam edges, so the marks of the seam allowance don't show through to the right side. This is best done with the use of a pressing cloth and at the very edge of the ironing board. In some cases, a seam roll or board will be a help.

The edge of facings should always turn under slightly to the wrong side so they will not be seen on the right side of the garment. Sewing techinques, such as grading and understitching, will help, but careful pressing can complete, the professional appearance.

You don't want the fabric line at the top of the hem to be visible from the right side either. Press the bottom of the hem with enough steam and pressure to give a smooth look. A circular or flared skirt will need careful pressing to shrink out as much fullness as possible.

Steam the fullness out of a set-in sleeve then shape with your fingers. Don't touch the iron to this area of the sleeve. Don't press a crease down the center of a set-in sleeve, either. It is a simple matter to press the sleeve at the edge of the ironing board, or use a sleeve board.

When the fabric has been folded on the bolt, a crease is sometimes visible at this fold. When you cut out a garment, try to avoid this crease line, for it may be extremely difficult or impossible to remove.

Pressing requires time and patience. It also requires good pressing equipment. Check the condition of your ironing board. If it is warped or if the cover and padding are not smooth, you will have a more difficult time achieving professional results.

A good press job camouflages poor sewing techniques, but even the best sewing job will look better with careful pressing. It is often the pressing that makes a garment the prize winner.

New Use For Peanut Hulls

As you munch away on a peanut butter sandwich, do you ever wonder what became of the hulls that were once on all those peanuts.

The peanuts we eat shed 350,000 tons of hulls each year. Some of the hulls are used for cattle feed, poultry litter and garden mulch. But many of the hulls are burned near the shelling plants, usually in rural or small urban communities.

Research scientists at the United States Department of Agriculture have been working on the problem of peanut hull waste. They came up with some new artificial fireplace logs made of peanut hulls. The hulls are combined with the same hydrocarbons used in the commercial manufacture of wood filled artificial logs.

In experiments, scientists found that logs made with peanut hulls burned for three hours, while logs made with wood fillers burned four hours. But the peanut logs burned more vigorously and, when a salt mix was added to the formulation, peanut hull logs burned with a blue-green flame with occasional red flares. The peanut hull logs were easier to ignite, oderless and give off little smoke.

Peanut hull firelogs are still in your future but soon you may be warmed by the hulls of the peanuts in your peanut butter sandwich.

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Ida Risser

This year I decided to do something different. Earlier this month, all of my family went to the Farm Show. Some of them went as often as three times, to enter food and clothes and pick them up again. Then all of the children went to judge potatoes as a 4-H team.

What did I do different? I stayed in Lancaster County and visited the Museum. The children had commented favorably after seeing it with school groups. So now it was my turn and I had the building all to myself and could proceed at my own speed.

As I've always been interested in history, the scenes were quite fascinating to me. Some evoked pleasant thoughts of early settlers in Lancaster County and others showed cruel persecution of them in Europe. The clothing and furnishings of each group also deserved a lot of attention.

xxx

As I get older, it seems that keeping things "in order" is important to me. But this isn't always possible with children playing in the house. There are marbles all over the livingroom rug as they shoot them. Other times they set up the toy train and track and I must step over and around it to make the beds.

Just now, Cindy is embroidering a bureau scarf and I find my scissors on the floor and the thread between the sofa cushions. Then they play monopoly, which lasts from one day to the next.

But of course I know that only too soon these three will grow up and leave us as the older three have done. So I try to enjoy them now.

Here are a few more German words copied from an old dictionary which are similar to Lancaster County family names.

Brenneman - burner; Spangler - tinman; Weiss - know; Herr - Mr.; Wagaman - wagonmaker; Wilhelm - William; Helm - helmet; Weber - weaver; Grube - ditch; Slabach - brook; Vogel - bird; Shreiner - joiner; Baum - tree; Wertsch - worth; Zimmerman - carpenter; Lohr - salary; Glick - luck.

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Recipe Exchange . . .

Home on the Range

This week we have received a number of recipes in response to Mrs. Hursh's request for Poor Man's Steak. Two of these are published below, the others will appear in next week's edition. We hope all of our readers will enjoy them.

Also this week are recipes for dressings. Making your own salad dressings is perhaps the easiest way to variety, satisfying your own special tastes, and economy. Often, the taste can be altered by substituting different spices than called for in the recipe.

If you have a request for a special recipe, one that you have been looking for or would like to have that may be offered to you by one of our readers, send your request along with your favorite recipes to "Recipes" Lancaster Farming, P.O. Box 266, Lititz, Penna. 17543.

Poor Man's Steak

1 pound hamburger
1 cup cracker crumbs
1 cup milk
1 teaspoon salt
¼ teaspoon pepper
1 small onion (chopped fine)

Mix well and shape in a narrow loaf. Let set for at least eight hours or overnight. Slice in pieces and fry til brown. Put slices in layers in roaster and spread mushroom soup on each piece. Use at least one can of soup. Bake for one hour at 325 degrees.

"This is my recipe for Poor Man's Steak, and I hope it is what Mrs. Hursh wants."

Mrs. Aaron N. Hoover
Leola RD1

xxx

Poor Man's Steak

2 pounds hamburger
1 cup cracker crumbs
1 cup milk
1 teaspoon salt
¼ teaspoon pepper
1 chopped onion

Mix together and press into a loaf pan or on a cookie sheet. Chill overnight, cut into four inch squares if on sheet or slice if in pan. Roll in flour and brown on both sides. Place pieces in roaster. Cover with one can mushroom soup and one can water mixed. Bake at 300 degrees for one and one-half hours.

Erla Martin
Lititz, RD1

xxx

Salad

1 package lemon gelatin
2 cups hot water
22 large marshmallows
2 3-ounce packages cream cheese
1 tablespoon salad dressing
1 cup fine chopped celery
1 cup crushed pineapple
1 cup cream
1 package cherry gelatin
2 cups water

Dissolve lemon gelatin and marshmallows in hot water. Mix cream cheese and salad dressing and add to gelatin mixture. Add celery and pineapples. Chill until set. Then add cherry gelatin on top. May be served on lettuce.

Mrs. Harvey E. Martin
Lititz, RD2

xxx

Ribbon Salad

Bottom Layer:

Use two boxes lime gelatine, prepared as directed on package. Let set.

Center Layer:

1 can crushed pineapple
½ cup sugar
1 envelope gelatine
½ cup cold water
1 8-ounce package cream cheese
1 pint whipped cream
½ cup chopped nuts

Heat pineapple and sugar, then add envelope gelatine that has been dissolved in ½ cup cold water. Stir in cream cheese. Cool this, then add whipped cream and nuts. Pour on top of first layer and let set.

Top Layer:

Use two boxes of strawberry gelatine prepared as directed on package. When cool put on top of second layer and refrigerate.

Mrs. Merle Mishler
Hollsopple RD2

xxx

Soup Salad Dressing

Combine:

1 can condensed tomato soup (not diluted)
½ cup sugar
2 teaspoons salt
1½ teaspoons dry mustard
Dash Paprika
1 cup salad oil
½ cup vinegar
1 teaspoon Worcestershire sauce
Medium onion, grated

Blend till sugar is dissolved and dressing looks thick and rich. (Editor's Note – Put all ingredients in blender for quick, easy, thorough mixing.)

This dressing keeps indefinitely in the refrigerator. Good dressing for any kind of lettuce salad.

Mrs. Elam Rutt
RD1
Ephrata

xxx

Mayonnaise (Cooked)

2 egg yolks (beaten)
1 cup salad oil

Mix above ingredients together in bowl.

2 tablespoons flour
2 tablespoons vinegar

(Continued On Page 25)

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Home on the Range

(Continued From Page 24)

1 tablespoon sugar
1 teaspoon salt
1 teaspoon paprika
1 teaspoon dry mustard
Juice of one lemon
1 cup hot water

Make a paste of dry ingredients, vinegar and lemon juice. Gradually add hot water. Cook in double boiler five minutes or until it thickens.

Add this mixture to oil and egg yolks and beat slowly with a beater until creamy.

This dressing keeps well in a cool place and the oil never separates. Paprika may be omitted and a few drops of onion juice added.

Mrs. Levi S. Nolt
Leola RD1

xxx

Crispy Topped Cheese Potatoes

3 tablespoons margarine
4 medium-sized boiled potatoes
1 cup corn flakes, finely crushed
1 cup finely shredded cheese
½ teaspoon paprika
1 teaspoon salt

Pour two tablespoons margarine into shallow baking pan. Cut potatoes into ½ inch slices and place close together in pan. Brush tops with remaining margarine. Combine corn flake crumbs, cheese, paprika and salt. Sprinkle over potatoes. Bake at 350 degrees for 25 minutes.

Mrs. Robert Sechrist
Fawn Grove

xxx

Yellow Angel Food Cake

6 eggs, separated
½ cup cold water
1 1-3 cups granulated sugar
1 teaspoon vanilla
1½ cups all purpose flour (sifted)
¾ teaspoon cream of tarter

Beat egg yolks until very thick and lemon colored, add water and beat until thick. Add sugar gradually, beating constantly, about five minutes or longer, making it fluffy.

Fold in flavoring, sift flour and one-fourth teaspoon salt together three times. Then carefully fold into egg yolk mixture.

Beat egg whites until foamy, add cream of tarter and beat until stiff enough to form peaks, fold into batter and pour in ungreased angel food pan. Bake at 350 degrees for one hour. You can add walnuts if you wish.

Mrs. Amos F. Esh
Gordonville RD1

xxx

Cherry Crumbles

21 ounce can cherry pie filling, or any pie mix
1 package yellow layer cake mix
4 tablespoons butter or oleo, melted

Spread pie mix filling in a buttered 8x8x2 inch baking pan. Sprinkle with dry cake mix. Drizzle with melted butter or oleo. Do not stir. Bake in 375 degree oven for 35 to 40 minutes, or until top is golden. Serve warm. Makes eight servings.

Mrs. Ira Davis
Quarryville

xxx

Crispy Caramel Corn

7 cups popped corn (unsalted)
¼ cup chopped peanuts
½ cup brown sugar
¼ cup margarine
⅛ cup (2 tablespoons) white corn syrup
¼ teaspoon salt
¼ teaspoon vanilla
⅛ teaspoon soda

Boil sugar, margarine, corn syrup and salt for five minutes. Remove from heat and stir in vanilla and soda. Pour over freshly popped corn and peanuts. Mix well and turn out into a 250 degree oven for one hour. Stir corn occasionally while in oven.

Miss Edna Rissler
Stevens, RD1

xxx

Sponge Cake

5 large eggs
2 cups granulated sugar
1 cup boiling water
¾ teaspoon salt
3 cups flour
1 teaspoon lemon flavor or vanilla

Put egg whites in big bowl, add sugar and boiling water just before beating. Beat till stands in peaks but not dry. When beating add ¾ teaspoon salt.

Beat egg yolks and add flavor. Fold yolks into batter. Fold in sifted flour.

Bake in tube pan in moderate oven 50 to 60 minutes.

Mrs. Ammon Weaver
RD1
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9:30 a. m. to 3:15 p. m.
SNOW DATE: FEBRUARY 6, 1974

MASTER OF CEREMONIES: Robert P. Bucher
Agricultural Relations Officer of the
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Theme: "Environment and Agriculture"

Guest Speaker: Dr. Maurice K. Goddard
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Broken Bit 4-H Club

The Broken Bit 4-H Horse and Pony Club began the new year by holding its monthly meeting at the home of Rick Buckwalter on Jan. 18. President Jane Gregory presided over the business meeting.

The club will hold a hoagie sale on March 2 at the home of Jane and Martha Gregory. May 25 was chosen as the tenative date for the annual horseshow which will tenatively be held at Kurtz's Show Ring, Denver.

The majority of the meeting was devoted to the election of officers for this year. Those selected are: Cindy Enck, president; Rick Buckwalter, vice-president; Karin Risser, secretary; Brian Immel, treasurer; John Keller and Buddy Shenk, game leaders; Jane Gregory and Daphane Immel news reporters. Jane and Cindy Enck will represent the club at County Council.

Mrs. Charles Risser and Robert Gregory will serve as club leaders for this year. Anyone interested in joining the club may contact either of the leaders at 733-2605 or 733-7584 respectively.

The Broken Bit club will meet the third Friday of each month and the next meeting will be at the home of Buddy Shenk.

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Progress is Seen in Eradicating Disease

Marked progress in eradicating hog cholera and exotic Newcastle disease—two serious livestock diseases—highlighted 1973 animal health activities of the U. S. Department of Agriculture (USDA).

Hog Cholera

Officials of USDA's Animal and Plant Health Inspection Service (APHIS) report that only 16 swine herds were found to be infected with hog cholera during 1973 compared with 205 during 1972. They note, furthermore, that all of the 1973 cases occurred prior to July.

The six months since that time is the longest known period without a case of hog cholera since the disease was first recognized in the United States in the early 1830's. An estimated 5,000 to 6,000 swine herds were infected annually before the national eradication campaign began in late 1962.

Newcaslte

The last quarantine in southern California for exotic Newcastle—a foreign virus disease that is usually fatal to poultry and other birds but harmless to consumers—was lifted in late 1973. A massive outbreak of this disease struck southern California in late 1971. In March 1972, as the disease continued to spread, Secretary of Agriculture Earl Butz declared a national emergency and federal and state quarantines were placed on a 45,000-square-mile area to contain the disease.

APHIS eradication efforts involved the destruction of nearly 12 million birds--mostly laying hens—at a cost of more than $27 million in indemnities to their owners. By early 1973, the disease had been contained and the quarantine area had been reduced to 1,450 square miles. The last case of exotic Newcastle in southern California was reported on June 28, 1973.

Sheep Scabies

In January 1973, the U.S. was officially declared free of sheep scabies—a disease APHIS and cooperating states had been fighting intensively for the 12 previous years. The last case of scabies was found in January 1970. Eradication of the mites which cause this disease will save the nation an estimated $17 million yearly in projected losses.

Screwworms

The APHIS battle against screwworms in 1973 included both successes and setbacks. The 15,000 screwworm cases recorded during the year looks good compared with the massive invasion the previous year—some 95,000-plus cases were found in 1972. But the 1973 total was still far above the usual annual level of cases over the ten-year history of the southwestern screwworm eradication program.

Brucellosis

During 1973, one more state—Montana—qualified as a "certified brucellosis-free" area, bringing to 30 the number which have reached this status in the fight against brucellosis in cattle. However, APHIS officials pointed to an increase in the number of brucellosis-infected cattle herds in some areas of the country--particularly the southeast and south central states. To reverse this trend, they called for stepped-up efforts during 1974 in areas where the disease incidence is highest.

Progress in the fight against swine brucellosis during the year included the "validation" of four additional states-Arkansas, Montana, Oregon and Syoming - as free of swine brucellosis. Mine states have now achieved this status and 21 others are conducting active eradication programs.

Fever Ticks

APHIS animal health officials were also continuing the fight against an outbreak of cattle fever ticks around Alice, Tex. In July the cattle fever tick buffer zone along the Rio Grande River was enlarged to include new infestations which had occurred further north in Texas. Dipping and inspection of animals to eradicate the ticks continues.

Cattle Scabies

Efforts against a serious outbreak of cattle scabies in southwestern and midwestern states continued during 1973. A total of 48 infected herds in ten states were located and treated. In 1972, cattle scabies was found in 79 herds in seven states.

VEE

And finally, for the second year in a row there were no cases of Venezuelan equine encephalitis (VEE)--the horse sleeping sickness which invaded 26 south Texas counties in the summer of 1971. However, APHIS will continue surveillance efforts for this disease during 1974. And horse owners are urged to have their animals vaccinated for VEE.

Continued surveillance and testing of veterinary biologics kept nearly 242 million doses of unsatisfactory products off the market during 1973. APHIS enforces the Virus-Serum-Toxin Act of 1913, designed to ensure that animal vaccines and other veterinary biologics are safe, pure and effective.

Dual-Purpose Travel Iron

Wrinkle-free vacations and business trips may be the "rule instead of the exception" with the introduction of the dual-purpose travel iron. According to Mrs. Ruth Ann Wilson, Extension clothing specialist at The Pennsylvania State University, it is shaped like a shaver and doubles as a crease presser because it has a unique pressing slot in the center of the sole plate. It will put a firm crease in pants and press skirt pleats effortlessly. The travel iron is lightweight and has a built-in thermostat, 8-foot detachable cord and a dual voltage selector for use overseas.

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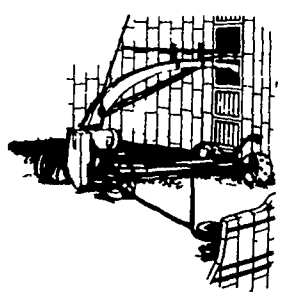

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Guernsey Breeders Hold Annual Meeting

Fifty-three dairymen attended the Lebanon-Berks-Schuylkill-Dauphin Guernsey Breeders Association Annual Meeting on Jan. 19 at the Stouchsburg Lutheran Church. The program featured a film "Behind These Doors", produced by Readers Digest films. The film is a graphic portrayal of how agriculture and its related food industries manage to move nearly one billion pounds of food to market each day.

William Juzi, Business Manager of the Pennsylvania Guernsey Breeders Association was among the guests at the meeting. He announced that he would be retiring from his position this year after 50 years of service to the Guernsey industry in Pennsylvania. He will be succeeded by John Blyholder, Field Man for the Guernsey Breeders Association, who will take over the post later this year.

Lee Yost, reported the rather startling fact that the Grand Champion Guernsey at the 1974 Farm Show had produced an annual record of over 21,000 pounds of milk,

Good Guernsey cattle are now selling at higher prices than ever before, reflecting the high demand for the fewer high quality animals that are available. National Director Raymond Witmer of Lancaster reported that while registrations of purebred Guernseys are down 12 percent, the demand for high quality animals is increasing.

The four-county Guernsey organization will be headed this year by Robert Smith, RD1, Annville, the newly elected president. Other officers elected at Saturday's meeting are: Warren Bucher, RD2, Myerstown, vice president; Carl Hollenbach, secretary; and Lloyd Dreibelbis, treasurer. Warren Bucher, outgoing president, presided over the meeting.

Special 4-H Farm Show awards were given to Jeff Smith, Frank Oellig, Bonita Oellig, Dale Smith and David Smith. Recognition for excellence in FFA Guernsey projects was given to Marlin Dietrich, Jacob Leiby and Bruce Maulfair.

Public Sales Register

SAT. JAN. 26 - 1 o'clock (Blizzard date Sat. Feb. 2) Dar-Phil Farms Complete Milking Herd-Bred Heifer Dispersal. Location - 13 miles Southeast of Canton, Pa., 9 miles Northwest of Estella, Pa., 1 mile East of Shunk, Pa., on Route 154 in Sullivan Co. Sale by Darwin & Phyllis Higley, Owners; Carl Diller and Everett Kreider, Auctioneers; Rockwell's Livestock, Sale Mgrs.

SAT. JAN. 26 - 12 Noon Public Auction of Farm Machinery located between Bridgetown and Ingleside, near Henderson, Md. Sale by Herman F. Walbert, owner; H. Rudnick & Sons, Auctioneers and Sales Managers of Galena, Md.

MON. & TUES. JAN. 28-29 10 A.M. Two Day Public Sale of Farm Machinery and Construction Equipment located So. Race St., Myerstown, Pa. Sale by Wenger's Farm Machinery, Inc.

TUES. JAN. 29 - 10:30 A.M. Public Sale of Dairy and Machinery Dispersal. Sale location - Take Route 72 north approximately 2 blocks from Manheim Square. Turn left onto Colebrook St. Sale to be held at first farm on left. Sale by Earl M. Weiler; R. Kline, N. Martin, Auctioneers.

TUES. JAN. 29 - 10:30 A.M. Public Sale of Farm Equip. and Household Goods located 4 miles south of Kutztown, turn south off Rt. 222 at Surburban Drive-In, take 1st right for 1.3 mi., Berks Co., Pa. Sale by Raymond Burkholder; Ralph W. Zettlemoyer, Auctioneer.

WED. JAN. 30 - Day Horse Sale by Paul Z. Martin located 2 miles East ot Intercourse, Pa., along Route 340. Horses Hitched at 10 A.M. Sale at 12 Noon. Sale by Paul Z. Martin, Blue Ball, Pa.; Martin Auctioneers.

WED. JAN. 30 - 11 A.M. 65 Outstanding Registered Holsteins Selling in the Maryland State Convention Sale at the Fair Hill Fairgrounds in Cecil Co., Md. just off Rte. 273, three miles from Newark, Del. Sale sponsored by Maryland Holstein Association, A. Doty Remsburg, Sale Manager, Jefferson, Md. 21755

(Continued On Page 28)

PUBLIC AUCTION
SATURDAY, FEBRUARY 2, 1974
(Snow Date February 4)
Starting at 10:30 A.M.

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Real Estate consists of a farm containing 82 acres more or less erected thereon 2½ story frame dwelling covered with asbestos siding containing 7 rooms & bath; oil hot air heat, well, electric and other conveniences; also erected thereon bank barn containing 36 stanchions, milk house, 2 silos (1 tile & 1 wood), 2 implement sheds & corn barns combined, chicken house, 2 car garage and other small buildings. Good stream of water. Real Estate may be inspected Sat., Jan. 26th and Sat. Feb. 2nd or by appointment. Phone 717-548-2323. REAL ESTATE WILL BE OFFERED FOR SALE AT 12 O'CLOCK NOON.

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15 GUERNSEY COWS

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40 BU. FEEDING WHEAT
40 TON CORN
12 TON MIXED HAY
4 TON STRAW
12' x 30' silo full of ensilage and some ensilage in another silo.

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Sale to be held on the Dean Rouse Farm Thursday, January 31st beginning at 10:00 A.M. Located on the North Road, 2 miles off Route 249 near Austinburg, Pa., 4 miles north of Knoxville, Pa. Tioga County. Watch for Auction Arrows.

139 - CATTLE - 139
This herd consists of Holstein Heifers and some mixed Breed. Some large Bred Holstein Heifers but mostly Yearlings and older. A real opportunity to buy Cattle that will respond to feed and care. A few Steers and Bulls.

5 PONIES TO BE SOLD

Equipment consist of an International "H" Tractor, Case corn Picker, International Hay Crusher, and Bulk Tank.

As this is a Forced Sale, all equipment and Cattle should be moved Day of Sale.

SALE UNDER TENT
LUNCH WILL BE SERVED.

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PUBLIC AUCTION
at RUDNICK'S DAIRY BARN, GALENA, MD.
SATURDAY, FEBRUARY 2, 1974
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Irvington Admiral Scot	15,400m-3 7 percent-575f
Hayland Skyliner Duke	15,790m-4 1 percent-644f
Hayland Skyliner Duke	15,640m-3 9 percent-615f
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Other featured sires: Fernhame Ivanhoe Emperor, Pencor G. Ivanhoe Pabst, Harborcrest Sunshine, Romandale Reflection Marquis, Chinook Fury Hal, Md-Gaywinds Sunshiner, Emperor Duke Archie, Hickoryvale B.B. Lad, etc.

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FARM WILL BE OFFERED AS A COMPLETE UNIT OR IN 3 SEPARATE TRACTS AS FOLLOWS.

TRACT NO. 1

46 Acre farm. 20 A. under cultivation, 32 A. pasture and woodland. 1½ STORY frame dwelling, elec. heat; 2 rooms on 1st floow with large modern laundry attached, new modern kitchen & living room. 2nd floor has 2 bedrooms & bath. Wash house with old furnace. 2 good wells. Bank barn, with auto waterer for steers, 8 x 35 Silo, corn crib, 3-Car garage with heat and 2nd story for storage. Also 2-car garage.

TRACT NO. 2

Located along Church Rd. Mt. Joy Twp. contains approx. 3 Acres. Corner lot, flat level land with Rd. frontage along 2 sides.

TRACT NO. 3

Located along Church and Camp Rds. in Mt. Joy Twp. contains approx. 3 acres. Also a corner lot with flat level land and Rd. frontage along 2 sides.

Farm is situated in a beautiful Country setting and has various possibilities. Farming-Riding stables-Camp sites and Developers. Has approx. 1 mile Rd. frontage. Inspection invited to view property anytime by appointment. Call 665-6433 or 665-5664.

SALE BY
MARK E. & LINDA BRANDT
E. BEILER ATTY.
C. H. WOLGEMUTH AUCT.
PH. 665-5664

PUBLIC SALE
OF HOLSTEIN DAIRY COWS, HEIFERS, HORSES
HORSE-DRAWN FARM MACHINERY
WEDNESDAY, FEB. 6, 1974
On the premises located between Gap and Parkesburg, along the Strasburg Road, 1½ miles north of Christiana, Lancaster County, Pennsylvania.

30 HEAD OF HOLSTEIN DAIRY COWS

5 to freshen in February and March, 6 to freshen in Spring and Summer, balance of herd to freshen in Fall. TB and Blood Tested, Charts with each cow.

16 HEAD OF HEIFERS

3 to freshen in February, 4 to freshen in Fall, balance of heifers are open.

1 Pair of Gray WORK HORSES, 8 and 9 years old.
2 Pair of SORREL MULES, 8 and 9 years old.
These horses and mules are well broke.

FARM MACHINERY

N.H. 272 baler, N.H. crimper, N.H. 30-ft. elevator, New Idea corn picker, New Idea hay rake, 16" Papec ensilage cutter, New Idea No. 14 manure spreader, Oliver trip 2-bottom 14" plow, Oliver No. 5 corn picker, J.D. 8-ft. harrow, roller, J.D. 24 disc harrow, M.C. horse-drawn cultivator, M.C. ensilage cutter, 3 flat wagons, 1 with 18' bed, 2 with 16' beds; 2 fore carts, one with brake; 8-row sprayer, tobacco planter, wheelbarrow, Lincoln 225 welder, 2 bale boxes, Napsack sprayer, tobacco spears, grease gun and pump, platform scales, tobacco lath, 2 12-volt fencers, one electric; Wisconsin 8-h.p. motor, feed carts, 6 sets of work harness, collars, bridles, 1, 2, 3 and 4-horse hitches; M.C. corn planter, M.C. 9-ft. grass mower.

No. 74 DeLaval milker pump, two Corde milker units, (new type), 2 Stainless steel strainers, stainless steel wash tubs, carrying buckets, Kesco dumping station (12-volt).

Approximately 40 ton EAR CORN
Sale at 11:30 a.m. D.S.T.

Terms by
BENJAMIN L. GLICK
LEROY ZOOK, Auctioneer
Lunch available.
Not responsible for accidents.

Public Sales Register

(Continued From Page 27)

JAN. 31 - 10 A.M. Public Sale of Dairy Herd Dispersal, Dairy Equipment, Grain to be held on the farm located at RD2, Lebanon, Lebanon County, Pa. To get to farm go North from Lebanon along Route 343 known as 7th St. or turn south off Route 22 onto 343 at Fredericksburg and proceed appx. 5 miles to farm. Watch for sale signs. Conditions by Kapp Smith and Curt Stoltz; Harry H. Bachman, Auctioneer.

FRI. FEB. 1 - Sale 10 A.M. Dairy Cows 12:30 P.M. Clean Sweep Public Sale, Moving to Missouri, located 8 miles east of Honey Brook, 2 miles north of Route 322, 5 miles south of Elverson, just east of Route 82 from the Pump House Antique Shop. Wallace Twp., Chester Co., Penna. Sale by Henry O. Martin, Owner; Abe Diffenbach, Auctioneer.

FRI. FEB. 1 - 7:30 P.M. Friday Night Horse and Mule Sale at New Holland Sales Stables, Inc. 150 to 200 Head Draft Horses and Young Mules. Paul Snyder, Manager.

SAT. FEB. 2 - 11 A.M. Public Sale of 26 Holstein cows, full line of Equipment and some household items located between Gordonville and Paradise just off Rte. 30. Sale by Earl and Lenora Jones; Carl Diller and J. Everett Kreider Auctioneers.

SAT. FEB. 2 - 10:30 A.M. (Snow date Feb. 4) Public Auction of Tractors, Light Industrial and Farm Machinery located along Ridge Road, Reinholds, Lancaster County, Pa. Terms by Jacob H. Gockley.

SAT. FEB. 2 and MON. FEB. 4 - 10 A.M. Each Day Public Auction Two Day Sale of Valuable Farm; Registered and High Grade Holstein Dairy Herd; Milk Equipment; Farm Machinery; Hay; Wheat and Barley straw; Corn ensilage; Tools. Located on the premises 10 miles south of Hanover via route 216; 4 miles west of Glen Rock; Turn off of route 83 on exit two Glen Rock Exit on to route 216 through Glen Rock to Route number 516 turn right on Rockville Road, farm is located on corner of Rockville and Ressler Road in Codorus Twp. York Co., Pa. (watch for arrow signs) Sale by Mr. & Mrs. John Ressler-owners, RD1 Glen Rock, Pa.; David W. Shrodes, Auctioneers.

WED. FEB. 6 - 9:30 Consignment Sale by David H. Good located ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. F. Snyder, R. Martin and C. H. Wolgemuth, Auctioneers.

WED. FEB. 6 - 11:30 A.M. Public Sale of Holstein Dairy Cows, Heifers, Horses, and Horse-drawn Farm Machinery on the premises located between Gap and Parkesburg, along the Strasburg Road, 1½ miles north of Christiana, Lancaster County, Pa. Terms by Benjamin L. Glick; Leroy Zook, Auctioneer.

THURS. FEB. 7 - 10 A.M. Public Sale of Farm Equipment, Household Goods, Tools and Antiques located on the premises midway between Route 23 and 340 off of Route 772 at Ressler's Mill, along Stumptown Road and 1½ miles north of Bird-in-Hand, Lancaster County, Pa. Terms by Daniel Miller, Box 190, RD1, Bird-in-Hand, Pa.; Frank L. Steller and Robert E, Martin, Auctioneers.

SAT. FEB. 9 - Farm Machinery Auction Sale by York Co. Farm & Ind. Equip. Co., Inc. Located Exit 10 or 11 off Interstate 83 Emigsville, Pa. or 4 miles North of York, Pa. on Route 181.

SAT. FEB. 9 - Afternoon Public Sale of 600 head cross-bred feeder pigs for John J. Zeiset and Paul M. Zeiset, Farms north of Goodville, East Earl Twp. off of Route 23. Elton Horning, auctioneer.

SAT. FEB. 9 - 2 P.M. Public Sale of Valuable 52 acre farm at RD3, Manheim, Lancaster Co., Pa. Sale by Mark E. and Linda Brandt; C. H. Wolgemuth, Auctioneer.

SAT. FEB. 9 - 11 A.M. Public Sale of Real Estate, Farm Equipment and Dairy Cows located off Route 222 at Wakefield take Peach Bottom Road to West Brook Road, 1 mile West of Wakefield, Fulton Twp., Lancaster Co., Pa. Sale by L. Ambrose Giffing and Sara L. Sweigart, Executors of the Estate of Mary P. Giffing, Dec'd. Kersey A. Bradley, Auctioneer.

SAT. FEB. 9 - 10 A.M. Public Sale of Arm Machinery, Tools and Household Items located approx. 1½ miles east of Exit 2 (Glen Rock exit) off Rt. 83 and about ½ mile north of the Village of Potosi in Springfield Twp., York Co., Pa. Watch for signs directing to sale. Sale by Emory S. and Elsie R. Miller, Jr. RD2, Glen Rock, Pa.; Robert L. Sechrist, Auctioneer.

WED. FEB. 13 - 11 A.M. Public Sale of Holstein Dairy Herd, Farm Machinery, Hay and Straw located about ¼ mile West of Clay, on Brubaker Valley Road off Rte. 322. Sale by David B. Martin; Randal Kline, Auctioneer.

THURS. FEB. 14 - 10:30 A.M. Public Sale of Dairy and Farm Machinery. Location - Take Rte. 897 North approx. 2 miles North of Reinholds, turn right onto Peartown Road for 1 mile. Sale by Edwin Martin; Randal Kline, Auctioneer.

THURS. FEB. 14 - 12 Noon Public Sale of Farm Machinery and 10 Holsteins located between Mechanics Grove and Chestnut Level, 1½ miles west of Mechanics Grove to Stony Hill Road or 3 miles south of "The Buck" on Route 272 to Cardinal Drive to east 2 mile. Sale on Farm no. 2. Terms by Herman and Verna I. Shirk; Kreider and Diller, Auctioneers.

(Continued On Page 29)

YORKSHIRE SHOW & SALE

Sponsored by
PENNSYLVANIA YORKSHIRE CO-OP ASSN. INC.

25 bred gilts, 10 littermate pairs of open gilts, 10 open gilts, & 13 boars.

Show -- February 2, 1974 10:00 A.M. EST
SALE -- February 2, 1974 1:00 P.M. EST

To be held in the swine barn, Farm Show Building, Harrisburg, Pa.

For catalogue write or call
LEON L. ARNOLD SEC'Y-TREAS.
1245 E. Cumberland St.
Lebanon, Pa. 17042
Ph. 717 273-5880

York Co. Farm & Ind. Equip. Co. Inc.
4 Miles North of York, Pa., on Route 181
Box 222 Emigsville, Pa. 17318
Phone: 717-764-6412

Blaine N. Rentzel — J. Larry Hollinger

PUBLIC SALE
SATURDAY, FEBRUARY 9, 1974
50 TRACTORS 50
JOHN DEERES — FARMALLS — FORDS
CASE — ALLIS CHALMERS & OTHERS
ALL SIZES
PLOW - 2-3-4-5 BOTTOM-DISC
HARROW, CULTIPACKERS, CORN PLANTERS, MOWERS, GRAIN DRILLS, WAGONS, SNOW PLOWS & ALL KINDS OF EQUIPMENT, HARDWARE & TRUCKS

Complete Farm Inventory From a Hummelstown Farmer Will Be Sold Separate

We will sell anything you bring to our sale for a commission.

DAY HORSE SALE
WEDNESDAY, JAN. 30, 1974
PAUL Z. MARTIN'S
2 Miles East of Intercourse, Pa., along Route 340.

Loaf of DRAFT HORSES and MULES from Ralph Chatlin Farm of Indiana. Consisting mostly of Sorrels from 2 to 9 years old. Singles and Pairs, Outstanding Load.

Two Loads of KENTUCKY HORSES and MULES. Lots of Good Sorrel Horses, Single and Pairs from 3 to 8 years old, Good Young Broke, Several Saddle and Harness Horses.

Horses Hitched at 10:00 a.m. D.S.T.
Sale at 12 noon D.S.T.
WE SELL COMMISSION HORSES

HAY SALE
Every Wednesday
At 12:00
Managed By
Harvey Z. Martin

PAUL Z. MARTIN
BLUE BALL, PA. 17506
Residence — 717-354-6671
Business — 717-768-8108
MARTIN AUCTIONEERS

PUBLIC SALE
of FARM MACHINERY and 10 HOLSTEINS

Location: Between Mechanics Grove & Chestnut Level. 1½ miles West of Mechanics Grove to Stony Hill Road or 3 miles South of "The Buck" on Route 272 to Cardinal Drive go East 2 miles. Sale on Farm #2.

THURSDAY, FEB. 14, 1974
12 NOON

10 Holstein Dairy Animals

1 Fresh cow, 3 heifers 3 bred 2 open from N.E.B.A. sires, 6 yearling heifers (ABS), all animals from Herman's good herd recently dispersed
TB & Bangs Cert. Charts sale day

IHC #504 gas tractor, Co op E30 tractor, J.D. 16 in 2 bottom trailer plow, J D 9 ft spring harrow, 28 Case heavy duty transport disc, Cultipacker, New Holland 68 baler PTO, New Idea crimper, Co-op rake, 2 New Holland wagons 14-16 ft., Case flat wagon 16 ft., New Holland 28 ft elevator

App 80 Ton Ear Corn — 40 Ton Mixed Hay

New Idea 1 row corn picker (picked under 100 acres), Ontario 17 disc grain drill, New Idea #220 spreader, J D 12A Combine with bin & motor, Black Hawk corn planter 5,000 tobacco lath, 1956 Chevrolet truck dump flatbed (3 ton capacity), 2 Surge milkers 40 lb., 2 S S carrying pails, other articles not mentioned

Terms by,
Herman & Verna I. Shirk
Kreider & Diller, Aucts.
Lunch furnished

65 OUTSTANDING REGISTERED HOLSTEINS
SELLING IN THE MARYLAND STATE CONVENTION SALE
WEDNESDAY, JAN. 30, 1974
11:00 A.M.
at THE FAIR HILL FAIRGROUNDS IN CECIL CO., MD. JUST OFF RTE. 273 – THREE MILES FROM NEWARK, DEL.

65 HEAD OF MARYLAND'S BEST 65
3 BULLS - 57 COWS AND BRED HEIFERS
5 OPEN HEIFERS AND HEIFER CALVES

THE COWS AND BRED HEIFERS
Nearly all young cows and bred heifers recently fresh or due soon after the sale. They include 1 EX Cow – 10 VG cows and many potential VG who have not been scored or who have scored GP in heifer form. The production will be outstanding on the cows and also the dams of the cows and bred heifers – a great place to buy foundation cattle that have excellent pedigrees and are producing well.

THE BULLS
All three are service age from exceptional dams and by popular sires.

THE OPEN HEIFERS
All by Round Oak Apple Elevation from outstanding dams. Also a number of heifer calves by some of the best sires of the breed.
A proven place to buy quality Holsteins with type, production, and pedigrees.

SPONSORED BY
MARYLAND HOLSTEIN ASSOCIATION.
A. DOTY REMSBURG, Sale Manager,
Jefferson, Md. 21755

DAIRY & MACHINERY DISPERSAL
TUESDAY, JAN. 29, 1974
10:30 A.M.
Sale Location: Take Route 72 north approximately 2 blocks from Manheim Square. Turn left onto Colebrook St. Sale to be held at first farm on left.

35 HEAD GRADE HOLSTEINS
This is a well balanced herd in good state of production. The herd consists of 6 cows fresh and 9 cows due from February to March. Balance of cows are fresh and bred back. Pregnancy checked. Health charts day of sale. Individual DHIA records will be read.

SALE UNDER TENT. DAIRY SALE TO BE HELD AT 1:30 P.M.
Approximately 6 ton of Barley straw. Approximately 5 ton alfalfa hay. Some ear corn. 3 months old Simmental bull calf.

MACHINERY
M.F. 65 Diesel with Multi-power; Sauder D-2 manure loader with snow and dirt scoop; Ford 3-pt. cultivator; Ford subsoiler; Windpower 12-20 KW Generator on trailer; Gehl 65 MX Grinder-mixer; Mulkey 32 ft. elevator; Ontario 15 disc Grain drill; Hawkbilt 165 bu. manure spreader; Dion Forage Box, 3 Beater; Gehl Hi-throw; FB 88 Forage blower; Even-flow silage dist., J.D. 3 sec. harrow; Mc-Deering Little Genius 2-bot. plow; Tryco sprayer with 230 gal. fiberglass tank; 4-row rotary hoe; 20 ft. Upright auger with force feed; Endless belt; two 16' Wagons with high sides; 14 ft. green chop wagon; 3 tobacco ladder wagons; 12,300 tob. lath; 1200 bu. wire corn crib; Van Dale 16 ft. silo unloader; cattle waterer; L.P.S. feeder; 3 feed carts; Mineral feeder; Fogger; Used silo staves; 16' hay wagon with high sides; 18' hay wagon with high sides; J.D. 3-sec. harrow; Ford 3-pt. hitch 2-row cultivator; Hershey tob. planter; good condition; tob. hoer; NI mounter cornpicker with 12 roll husking bed; Fox IF546 Harvester with 2-row head; Ontario 16 disc grain drill; J.D. 4-16 bottom roll over plow; N.H. 30 ft. elevator, like new; Minnich tob. press.

DAIRY EQUIPMENT
Esco 650 gal. milk tank; SP 22 Surge Milker pump; Kesco Milkmover; Surge Tonganoxic electric pulsator system; 3 Surge milkers with electric pulsators; Agway breeding wheel; Sunbeam cow clippers, Dairy-Vac cow cleaner.

Auct. Note: There will be no small items on this sale. Machinery will be sold first, so come early.

SALE BY:
EARL M. WEILER
R. Kline, N. Martin, Aucts. (717) 665-6015
(717) 626-4975 or (717) 354-7186

Public Sales Register

(Continued From Page 28)

FRI. FEB. 15 - 9:30 A.M. Public Sale of Horses, mules, dairy cows and heifers, full line of horse-drawn farm equipment located midway between Greentree and Quarryville, 1 mile south of Route 372 along Hallow Road on farmer King farm. Sale by Christ S. Miller; Abe Diffenbach, Auctioneer.

SAT. FEB. 16 - 11:30 A.M. Public Sale of Good Farm Machinery located along U. S. Route 1, 2 mile southwest of Rising Sun. Maryland. 8 mile south of Oxford, Pa. 6 mile east of Conowingo Dam. Terms by George T. MacDonald, J. Everett Kreider and Carl Diller, Auctioneers.

SAT. FEB. 16 - 11 A.M. Public Sale of Modern, Like New Farm Machinery located off Rte. 272 along Smithville Road midway Smithville and Refton, southwest of Refton off Rte. 222. Sale by Laverne L. Mylin; Lloyd H. Kreider, Auctioneer.

SAT. FEB. 16 - 11 A.M. Public Sale of Good Farm Machinery, 1967 Chevy Truck, few Household Items. located 9 miles South of Lancaster off 272 at Smithville. Along Smithville Rd. midway between Smithville and Refton. Or Southwest of Refton off 222. Sale by Laverne L. Mylin; Lloyd H. Kreider, Auctioneer.

SAT. FEB. 16 - Public Auction, Consignment Sale of farm equipment, located on the Don Scheese farm, New Jersey, thirty minutes east of Delaware Memorial Bridge off of Rt. 40. At junction of Rt. 40 and 77 turn right onto Friesburg Rd., between diner and Municipal building; Approx. 8 miles south of Friesburge Road Wm. Bragdon, Auctioneer.

SAT. FEB. 16 - Public Sale of Farm Implements, Dairy Equipment and Livestock located ¼ mile south of Terre Hill behind Terri Hill Silo Co. off Rte. 897 in East Earl Twp., Lancaster County, Pa. Sale by Ben Zimmerman; Leroy S. and Paul W. Horst, Auctioneers.

WED. FEB. 20 - Paul Z. Martin's Farm Equipment Sale located 2 miles East of Intercourse, Pa. along Route 340.

WED. FEB. 20 - Public Sale of Registered and Hi-Grade Holstein Dairy Cows and Farm Equipment located between Myerstown and Rehrersburg, Pa. Terms by Abner W. Oberholtzer, John E. and Paul E. Martin, Auctioneers.

WED. FEB. 20 - 9:30 Consignment Sale by David H. Good Located ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. F. Snyder, R. Martin and C. H. Wolgemuth, Auctioneers.

THURS. FEB. 21 - 10:30 A.M. Public Sale of Farm Equipment, Horses and Mules located along Gordonville Road by Jacob S. Esh; Carl Diller and J. Everett Kreider, Auctioneers.

THURS. FEB. 21 - Public Sale of Farm Tools, machinery and equipment located one mile north of Goodville, Pa. East Earl Twp., Lancaster Co., Pa. Sale by Ammon H. Weaver; Elton Horning, Auctioneer.

FRI. FEB. 22 - 11 A.M. Public Sale of Farm Machinery and Household Goods located 8 miles south of Quarryville on Route 222. First hard road left, below Robert Fulton Birthplace, Lancaster County, Pa. Terms by James S. and Carol H. Huber; Kreider and Diller, Auctioneers.

SAT. FEB. 23 - Public Sale of Full Line of Farm Equipment located approx. ½ mile East of Elverson, Pa. between Rte. 23 and 401 along Brick Lane Road. Sale by Christian L. Stoltzfus; Elton Horning, Auctioneer.

SAT. FEB. 23 - Public Sale of Farm Equipment located between Ephrata and Lititz. Terms by Ivan N. Good, John E. and Paul E. Martin, Auctioneers.

SAT. FEB. 23 - 11:30 A.M. Public Sale of Farm Equipment and some Household Items located 1¼ miles Southeast of Columbia at Franklin Road and Blue Lane, Manor Twp. Sale by Irvin D. Witmer; Carl Diller and J. Everett Kreider, Auctioneers.

MON. FEB. 25 - Public Sale of 2 Farms, 1 containing 103 acres and 1 containing 48 acres and Farm Implements located 1½ miles West of Manheim along Old Line Road, Rapho Twp., Lancaster County, Pa. Sale by Roy K. Steffy; Rufus Geib and Raymond Miller, Auctioneers.

TUES. FEB. 26 - 10 A.M. Public Sale of Farm Equip. and Household Goods located just West of Lancaster Airport, West off Rt. 501 on Millport Road. Sale by Mervin W. and Kathryn Deiter, Lititz RD3; C. H. Wolgemuth, Auctioneer.

TUES. FEB. 26 - 10:30 A.M. Public Sale of Farm Machinery, Dairy Cattle and Teams located 1½ miles north of Quarryville along Stone Road. Take north Church St. from Western Auto Store, ½ mile east of Camargo. Terms by Christ S. Stoltzfus; J. Everett Kreider and Carl Diller, Auctioneers.

WED. FEB. 27 - 1 P.M. Public Sale of Brood Sows and Feed pigs located 1 mile North of Hinkletown along Glenwood Drive in Ephrata Twp., Lancaster Co., Pa. Turn north off Rte. 322 at traffic light in Hinkletown. Sale by Earl H. Martin; Leroy S. Horst and Paul W. Horst, Auctioneers.

(Continued On Page 30)

PUBLIC SALE

DAIRY HERD DISPERSAL, DAIRY EQUIPMENT & GRAIN

JANUARY 31, 1974 10:00 A.M.

To be held on the farm located at R.D.2 Lebanon, Lebanon County, Penna. To get to farm go North from Lebanon along route 343 known as 7th St. or turn south off route 22 onto 343 at Fredericksburg and proceed approximately 5 miles to farm. Watch for sale signs.

140 HEAD 140

COMPLETE DISPERSAL

33 Registered Balance Grades
85 milk cows 45 head to freshen from Nov. to sale time.
14 due Jan.
10 due Feb. 15 bred heifers due by sale.
40 Head Yearlings & Open Heifers

Sires represented: Lassie Leader; Astronaut; Ivanhoe Star; Ivanhoe Jack.

These cows are in a high state of production and are currently by housed in a loose house operation.

Charts Available — Pregnancy Examined
Catalogs — Sale Under Tent

1250 GAL. SUNSET BULK TANK with washer and 25 H.P. comp. Appx. 1 yr. old.

Sta Rite dumping station with pump, SP 22 Surge vac. pump, 2 Sunbeam cow clippers, 2 Rawleigh barn foggers, 10 insulated rubber buckets, 12 can front loading cooler, strainers, buckets, feed carts, 10 calf individual wooden stalls, 10 Badger cow stalls, 9 Surge milker units and miscellaneous dairy supplies.

500 Ton of Haylage and Corn silage
(in silo with unloader)
65 ton high moisture corn
15 ton straw

Sale order: Grain, dairy equipment and supplies, Cattle. Here is an outstanding opportunity to purchase cattle that have not been overfed and are in a high stage of production. You'll like what you will see in this herd of cattle.

CONDITIONS BY:
KAPP SMITH
CURT STOLTZ

Harry H. Bachman - Auctioneer
Ed Arnold - Announcements
Lunch by the Fredericksburg Church of the Brethren

MEMO
HAY, STRAW and EAR CORN SALE
EVERY MONDAY
AT 11 A.M.
New Holland Sales Stables, Inc.
Phone 717-354-4341
Lloyd H. Kreider, Auct.

GREAT YOUNG COW TO MARYLAND STATE SALE

JANUARY 30, 1974

Kents Reserve, Ivan Barbara 7820444

Fresh with first calf, milking 70 lbs. milk day. Stands 59" tall with a great udder, legs and feet. Will make a great show cow from a great maternal line.

Dam - Needmor Bridget
Last 3 production records

4 years, 315 days	19,750 m	3.6%	724 f.
5 years, 305 days	19,660 m	3.4%	673 f.
6 years, 3 months, 327 days	23,290 m.	3 8%	889 f.

Second Dam - Good Plus 84 133,000 lb. m. lifetime
Third Dam - Good Plus 83 144,000 lb m lifetime
Fourth Dam - 155,000 lb m lifetime

SIRE - Rich-Levels Marquis Ivan
Very Good classification
Daughters just milking as 2 year olds
His Dam - Level-Lea Ivanhoe Sally
Ivanhoe Dau
Scored Very Good - 87

6 years, 10 months, 305 days	27,970 m	3 6%	1,012 f
8 years, 1 month, 365 days	32,584 m	3 8%	1,226 f

Sale located in Fair Hill, Maryland
2 miles from Chester County line
For more information call - (301) 658-4381

JOSEPH E. AYERS
R.D.1 Rising Sun, Md. 21911

DON'T MISS THIS GREAT COW!

PUBLIC AUCTION

SAT. JAN. 26, at 12:00 noon

FARM MACHINERY: Case 930 Diesel Tractor, AC Gleaner G COMBINE 15' head - 4 row picker, Case 4 and 5 bottom 16" plows, 14' disc, 14' field cultivator, 14' chiesel plow, rotary chopper, fert. spreader, elevator, rotary hoe, 4 row rotary cultivators, 3 wagons, 2 grain trucks, pickup, etc.

HERMAN F. WALBERT
Owner

Located between Bridgetown and Ingleside, near Henderson, Md.

H. Rudnick & Sons, Auctioneers and Sales Managers of Galena, Md. Phone 301-648-5100.

CONSIGNMENT SALE

WEDNESDAY, FEBRUARY 6, 9:30 A.M.

Location: ½ mile north of Route 23 on North Maple Ave. in Leola, Lancaster Co. Pa.

Tractors, Farm Machinery, Horse Drawn Implements, New Tools, Lumber, etc., etc. We have buyers for hay and straw.

We sell on Commission.

DAVID H. GOOD
717-656-9024

F. Snyder, R. Martin, C. Wolgemuth, Auct.
Next Sale Wed., Feb. 20
Not Responsible for accidents.

PUBLIC SALE

FRIDAY, FEBRUARY 1, 1974

Located 8 miles east of Honey Brook, 2 miles north of route 322, 5 miles south of Elverson, just east of route 82 from the Pump House Antique Shop. Wallace Twp., Chester Co., Penna.

LIVESTOCK

80 Head of Holstein Dairy Cattle 80
15 Registered, including two Arlinda Chief and One King Pin daughters.
22 Bred Heifers
5 yearling heifers
6 Heifers from 3-weeks to 7 months old.
1 Stock bull

Cows in milk are averaging 50 lbs. per day.

Artificially bred for years, ABS and Curtiss Sires used. One-half of herd made up of first and second calf heifers.

A good herd of young cattle with excellent dairy type and nice records. Owner-Sample Records. With records to 21,000 lb. of milk and 800 lbs. of fat Certified and Accredited.

FARM EQUIPMENT

Massey Ferguson "165" diesel tractor, with power steering, wide front end and multi-power, Case "530" tractor with #503 manure loader. John Deere 3020 gas tractor, wide front end, front and rear wheel weights, good rubber, approximately 2600 hours

John Deere #336 baler with #30 bale ejector; New Holland #717 harvestor with 1-row corn head; New Holland #345 left hand tank spreader.

Ford #311 4-row corn planter with fertilizer and insecticide applicators, like new, I-H #455 4-row corn planter, 30" set with fertilizer and insecticide applicators; Oliver #73 2-row corn picker

John Deere #F125 trip 3-bottom 16" plow, Oliver #241 10' disc harrow; John Deere 32 transport disc harrow, Brillion 10' cultimulcher, Brillion 10' 6" harrow-packer with H-D teeth on slides, Ferguson 3-point cultivator; 14' 3 point weeder.

New Idea crimper, New Holland #455 trailer mower, Farmway 12' ensilage unloader, Calhoun forage wagon; New Holland #36 flail chopper (parts), two hay wagons with high sides, 250 gallon Poly tank field sprayer, New Holland flat bed wagon with 7' x 16' bed and 8 ply tires. M-F 4-wheel hay rake, John Deere side rake.

Two gravity bins, Little Giant 38' elevator; 3-18' steel feed bunks, Manure loader with heavy duty 60" fork and 96" snow bucket, quick attach for most row crop tractors. 3-point 4' x 8' platform, heat houser, side mount, fits many tractors, two 16 9 x 34" tires, tubes and rims, Aluminum ext ladder; two H.D cyclinders, A-C 3-point to snap coupler hookup; Clay hay drying fan, 275 gallon gas tank, forks; shovels, etc

40 ton ear corn Corn Ensilage
INT CUB CADET 7 h p with 32" mower

DAIRYING EQUIPMENT—Esco 500 and 250 gallon Walker approved bulk tanks Kesco milkmover with automatic washer Delaval electric pulsator control; 280' vacumn pipe line

Three Delaval milker units with 50 Lb pails; Three Surge milker units with 50 lb pails, vacuum pulsators, Surge SP22 vacuum pump; SS washtubs; Surge pipeline milker with 90' of glass pipe; 48" barn fan, feed carts; 4-stall vealer pen.

MOVING TO MISSOURI
SALE 10:00 A.M.
DAIRY COWS 12:30 P.M.

Cattle sale in tent
Norm Kolb Pedigrees and Records
Nevin Martin
Abe Diffenbach, Auctioneers

HENRY O. MARTIN,
Owner
215-942-2348

Refreshments by Glenmore Fire Co. Aux.

Public Sales Register

(Continued From Page 29)

FRI. MARCH 1 - Public Sale of Farm Equipment and Household Goods located at East End of Churchtown just off Rte. 23 behind Sauders Blacksmith Shop. Sale by Floyd Ringler; Elton Horning, Auctioneer.

SAT. MARCH 2 - Public Sale of Farm Equipment, Household Goods and Livestock located between Churchtown and Morgantown approx. 1 mile North of Rte. 23. Go north off Rte. 23 at Twin Valley Bible Chapel then first road right. Sale by Daniel S. Stoltzfus, Jr.; Elton Horning, Auctioneer.

SAT. MARCH 2 - 10 A.M. Public Sale of Farm Equipment and Household located on North Kinzer Ave., 1st lane right at the East End of New Holland. Terms by Campbell Farms Dairy; J. Everett Kreider and Carl Diller, Auctioneers.

SAT. MAR. 2 - Public Sale of Farm Equipment and Farm Crops located between Lititz and Manheim along Doe Run Road, 1 mile west of Erb's Mennonite Church. Sale by Ivan B. Zimmerman; John E. and Paul E. Martin, Auctioneers.

MON MAR. 4 - Public Sale of Farm Equipment located on Brubaker Valley Road, between Rtes. 322 and 501. Sale by Kenneth L. Siechrist; John E. and Paul E. Martin, Auctioneers.

MON. MARCH 4 - Public Sale of Complete Registered Holstein Dairy Herd located 2 miles North of Lebanon just off Rt. 343 on Heffelfinger Road. Terms by Bare Bros.; R. Austin Backus, Mexico, N. Y., Auctioneers.

FRI. MARCH 8 - Public Sale of Farm Equipment, Dairy Cattle and Dairy Equipment located 1 mile North of Georgetown, 5 miles South of Strasburg along Route 896. Terms by Robert Stottlemyer, owner: Ivan R. Yost and Leroy Zook, Auctioneers.

FRI. MAR. 8 - Public Sale of Farm Equipment, Hardware and Shop Tools located 3 miles north of Churchtown, Pa. Terms by Ivan N. Hoover, Narvon, Pa. Ralph W. Horst, Auctioneer.

SAT. MAR. 9 - Sale of Farm Equipment and Community Consignment Sale by Binkley & Hurst Bros., located just north of Rothsville. John E. and Paul E. Martin, Auctioneers.

THURS MARCH 14 - Public Sale of Farm Equipment by Lebanon Valley Implement Co. located 2 miles south of Myerstown along Linden Street in Richland, Pa. John E. and Paul E. Martin, Auctioneers.

THURS. MAR. 14 - Complete Dairy Dispersal and Farm Machinery Sale located South of Annville along Rte. 934. Sale by Lloyd Early; Harry H. Bachman, Auctioneer.

SAT. MARCH 16 - Public Sale of Farm Machinery Dispersal and Antiques located in North Lebanon Twp., Lebanon County , Pa. Sale by Alfred R. Brandt; Earl S. Buffenmeyer, Auctioneer.

WED. MARCH 20 - Public Sale of Farm Machinery and Household Furnishings located in Bethel Twp., Berks County, Pa. Sale by David G. Mussleman, Earl S. Buffenmeyer, Auctioneer.

WED. MARCH 20 - Paul Z. Martin's Farm Equipment Sale located 2 miles East of Intercourse, Pa. along Route 340.

THURS. MARCH 21 - 10 A.M. Public Sale of Horses and Mules, Farm Equipment and Brood Sows, located along Wissler Road, ¼ miles North of Vogansville in Earl Twp., Lancaster Co., Pa. Directions - from Hinkeltown follow Farmersville Rd. South to Wissler Rd., turn left onto Wissler Road first farm on left. Sale by Weaver Auker; Paul W. Horst and Leroy S. Horst, Auctioneers.

THURS. MAR. 21 - 11 A.M. West Virginia BCIA Performance Tested Bull Sale to be held at Wardensville, West Virginia. Sale sponsored by West Virginia University, West Virginia Dept. of Agriculture and the West Virginia BCIA Program.

THURS. MARCH 21 - 11 A.M. Public Sale of Farm Equipment and Holstein Dairy Cattle located 3 miles South of Nine Points off Route 896, ½ mile east of Andrews Bridge along Creek Road, Chester Co., Penna. Sale by James C. Groff; J. Everett Kreider and Carl Diller, Auctioneers.

WED. MAR. 27 - Public Sale of Farm Equipment located north side of Scheafferstown by Marlin Martin. John E. and Paul E. Martin, Auctioneers.

THURS. MARCH 28 - Public Sale of 100 head Dairy Herd Dispersal located in Millcreek Twp., Lebanon County , Pa. Sale by Robert Balsbaugh, Sr. Earl S. Buffenmeyer, Auctioneer.

SAT. APRIL 6 - 9:30 A.M. C. H. Wolgemuth & Sons Annual All Day Sale located 4 miles West of Manheim, Lancaster Co., Pa. Tractors, Farm Equipment. Anything sold on Commission

SAT. APRIL 13 - 10 A.M. Sixth Annual Public Sale of the Rawlinsville Fire Co. Farm Implements, Household Goods and Antiques. Items sold on commission, Food Served. Phone 284-4362 or 284-4530.

Sale Reports

Paul Z. Martin
Blue Ball
1st Consignment Sale
January 23
Farm Equipment

John Deere tractor sold for $1375. John Deere Disc $415.

Horse Drawn Equipment: Corn Planter $200; Mower $250.

Equipment: Feed Mixer $590; AC Crimper $230.

Hay

37 loads of hay, top price on one load Alfalfa hay $84.00.

Attendance: Good.

Auctioneers: Martin Auctioneers and Associates.

Gordon W. Fritz Sale
Smoketown
January 22
Winter Nite Cow Sale

38 head of top grade and purebred cows sold. Lowest cow sold for $400. Others sold for $785, $855, $895, $960, $1000, and $1100 was top price.

Auctioneers: Paul and Frank Snyder.

Erway Farms Sale
Coudersport
January 18
Complete Dispersal

Farm Equipment: 4020 J.D. $7200; 4000 J.D $6900; J.D. Corn Planter $1230. Harvesters $10,000 and $8,000. 5 ton Fertilizer $345.00; J.D. Plow $470.00; N.H. 460 Haybine $1350. Forage Truck $13,500.

Holstein Cows: Milking cow herd average $890.00 per cow. Top cow sold for $2,175.

Hay 70 cents and 75 cents per bale.

Grass Seed $70.00 per bag.

Sale managed by Rockwell's Livestock.

Auctioneers: Carl Diller and Everett Kreider.

Attendance: The largest crowd at an auction held in Northern Pennsylvania. Active bidding under freezing rain from 2 p.m. on.

Jacob Dupler Estate
Rapho Twp.
January 19
Real Estate

The 24 Acre Farm was sold for $51,700 to Paul Brubaker.

Auctioneer: C. H. Wolgemuth.

Attendance: Good.

LLOYD H. KREIDER
AUCTIONEER
and
SALES MANAGER
330 West State St
Box 2 RD1
Quarryville, Pa 17566
Ph 786-3394

FOR SALE
205 HEAD HOLSTEIN BULLS
120 HEAD 500-525 lbs.
85 HEAD 400-425 lbs.
Phone 717-548-2488

MARYLAND
HERD DISPERSAL
at
NEW HOLLAND SALES STABLES, INC.
WEDNESDAY, JANUARY 30 - 1:30 P.M. DST
50 HEAD of REGISTERED and GRADE HOLSTEINS

This herd consists of fresh cows, over one-half springing, balance in all stages of lactation. A real good sharp herd, mostly young, good uddered cows

This herd will improve and please where ever they go All home raised and mostly sired by Sovereign and Penstate Star Man bulls

If you need replacements, plan to attend this Dispersal

30 Day TB and Blood Test Pregnancy examined

CONSIGNED BY
FITE BROS.
Glenn Ph 717-786-2750
Gerald Ph. 717-548-2543

PUBLIC SALE
OF
GOOD FARM MACHINERY

Location: Along U.S. Route 1, 2 miles Southwest of Rising Sun, Maryland. 8 miles South of Oxford, Pa. 6 miles East of Conowingo Dam.

SATURDAY, FEB. 16, 1974
11:30 A.M.

5 Tractors

International F856 diesel new rubber dual cylinder control, fully equipped; Int. 504 gas utility; Farmall M; Farmall H; Antique Farmall Fairlane; SPF Fox 2 row 30 in. corn head hay pickup gasoline motor; 3 Int. No. 61 forage boxes mounted on Int. No 140 wagon; Int No 700 plow 6 bottom 16 in. auto. reset; Int. No 640 offset disc, (13'—8").

Int. 315 self propelled Combine 13 ft. header 3 row 30 in. cornhead (327 WN) deluxe cab heater hydrostatic auto. platform control hyd. lift and heavy reel.

New Idea No. 290 Mowditioner; Int. No. 5 hayrake; N.H. Super 78 baler with thrower; 5 bale wagons (1 New Holland, new); 2 gravity bin wagons; Gehl 120 grinder mixer 21 in. mill; New Idea No. 215 manure spreader 195 bu.; John Deere No. 60 hopper blower with 40 ft. pipe.

5 Trucks

2 with John Blue mounted sprayers 68 Int. with 300 gal. SS tank; Viking Chevrolet with 500 gal aluminum tank.

1964 Ford 750 dump body with grain sides, 1971 Ford 250 4 wheel drive pickup 16,000 miles.

1956 Dodge with stake body ¾ ton

Int No 58 6 row 30 in Cornplanter with 200 gal tank

Massey Ferguson 22 disc grain drill; New Holland No 36 flail chopper; New Idea 504 Manure loader; 7 ft scraper blade 3 pt.; Jet post driver with hydraulic cylinder (new); 60 bu. hog feeder.

1967 Dodge 4 door Coronet slant six (blue)

1967 Dodge 4 door.

Terms by,
George T. MacDonald
717-284-4517 J Everett Kreider
717-464-2233 Carl Diller
Aucts

Lunch furnished

Don't miss this sale of valuable farm machinery Come early No small items on this sale.

QUALITY DAIRY CATTLE FOR SALE
BLACK and WHITE HOLSTEIN FARMS
2220 Dairy Road Lancaster, Penna.
100 HEAD REGISTERED & GRADE HOLSTEINS 100 HEAD
On hand at all times
CANADIAN—WISCONSIN—MINNESOTA
All cattle hand picked for type, conformation and perfect udder development, most of them with good production and B F records NOTE Will deliver from 4 head to a carload subject to your approval to your farm at anytime
Pennsylvania's Largest Sales Pavilion
Dairy Cattle Auction Sale 3rd Friday Night Every Month
CHARLES C. MYERS, Owner. Phone 717-569-2106
717-569-6800
Park Myers, Sales Mgr Private Sales Daily

PUBLIC SALE
of FARM MACHINERY and HOUSEHOLD GOODS

8 miles South of Quarryville on Route 222. First hard road left, below Robert Fulton Birthplace, Lancaster County, Penna.

FRIDAY, FEB. 22, 1974
11:00 A.M.

Case 770 gas tractor power shift 400 hrs., IHC 460 Farmall gas new rubber, IHC Super C tractor, Case JTA 5 bottom plow trip, IHC 350 disc harrow, IHC 401 spring tooth harrow hyd. control, 2 midwest plow lift harrows, IHC 311 FH plow, 1 J.D. 9 ft. spring harrow, 1 Myers hay conditioner with balance head mower, IHC 100 FH mower with balanced head, New Holland 268 baler and thrower, 3 hay wagons 1 with high sides, Case flat bed wagon, IHC #37 baler & thrower with shredder attachment, New Holland parallel bar rake, Darf wheel rake, Lapp 28 ft. elevator.

IHC 550 Chopper 2 row head and pickup (clean)

New Idea mounted cornpicker, IHC IPR cornpicker, IHC 455 4 row cornplanter, IHC front mount 4 row cultivator (fits 460), 2 row cultivator for Super C, J.D. 13 disc grain drill, New Holland #460 haybine, Fox hopper blower 54 in., New Holland 45 bu. tank spreader, 1-12KW generator, 110 ft. silo-matic auger feeder, IHC # 64 combine with tank (PTO), 12 ft. cultipacker, FH 200 scraper, IHC FH sub soiler, 200 gal. sprayer 8 row, Forney welder & charger, post hole digger, FH platform, F800 Ford truck (needs motor repair), 4 Surge tru-tester meters, 1-50 lb. Surge milker unit, glass pipeline, SP22 Surge pump.

25 TON STRAW

Case lime drill, 2 corn shellers (1 belt driven), 40 locust posts, 2 ladders 16 & 20 ft., log chains, tighteners, sledge hammer, ropes & pulleys, pipe fittings, tools, etc.

HOUSEHOLD GOODS

Philco and G.E. radio and record player, New Home and Necchi sewing machine and cabinet, Whirlpool washer 5 cycle 2 speed, Kenmore dryer 2 cycle (good), Philco elec. range double ovens, oak extension table and small table, oak bed and chest of drawers, 2 tier table, 6 dining room chairs, formica kitchen table & 6 chairs, mirror, 2 rugs 9x14 and 12x18½.

TERMS BY,
James S. & Carol H. Huber

Household items 11 o'clock, Farm Equipment 11:45 Kreider & Diller, Aucts.

Lunch Furnished

GIGANTIC AUCTION

$1,500,000 FARM AND INDUSTRIAL EQUIPMENT

MONDAY AND TUESDAY

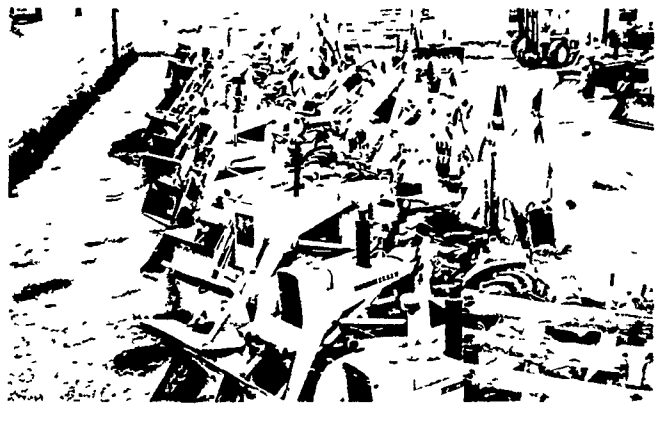
JANUARY 28 AND 29 — 9:00 A.M.

LUNCH SERVED BY MYERSTOWN BRETHERN CHURCH

WENGER'S FARM MACHINERY, INC.

SOUTH RACE STREET — MYERSTOWN, PENNSYLVANIA

Location South Race Street Myerstown Pennsylvania — 6 miles East of Lebanon Pa on State Road No 422 which is located 20 miles West of Reading Pa and 30 miles East of Harrisburg Pa NOTE: Commercial air travel into Harrisburg Pa. Private planes may land on asphalt air strip at County Airport in Myerstown Pa. near the sale site. Overnight accommodations may be arranged by calling (717) 866-2138



MONDAY, JAN. 28

INDUSTRIAL EQUIPMENT AND TRUCKS

TRACTORS

TRACTORS SOLD IN HEATED BUILDING

JOHN DEERE
2-JD A
-JD B
-JD M
300
-420
2-630
4-730
2-720
1010
4-2020
4-2510
2520
2-3010
3-3020
-4010
4-4020
4-4230
-4430
5020
4520

Nuffield
10-42

IH
-Cub Lobeys
-Super A Farmall
BN Farmall
-C Farmall
3-H Farmall
5-M Farmall
340 Farmall
2-450 Farmall
4-656 Farmall
706 Farmall
-806 Farmall
756 Farmall
-856 Farmall
-826 Farmall
2 1206 Farmall
1256 Farmall
-404 Farmall
-444 Farmall
504 Farmall
544 Farmall
574 Farmall
-650 Farmall
-4100 Farmall

ALLIS CHALMERS
D-15
2 D-17
2 D-19
160
180
190XT

OLIVER
77
2-1655
1750
1755
1850
2 1800
1950
2055
2150
1255
1955
1600

CASE
-430
730
3-930
-680
770
2 1030
1170

MM
Jet Star 3
AT4 Plainsman

David Brown
1200

FORD
-Jubilee
-860
3000
2-4000
2 5000

MF
35
65
2 165
175
2 180
1100
1130
2200

SKID LOADERS

Owatonna 1700
Melroe 500
Universal
Case 1737
2 Case 1537
2 Case 1530
3 Thomas 1700

MISC. CONSTRUCTION

2 Sweepers
1969 Northwest Backhoe on tracks (Model 41 S/N 25082) Cement Mixer
2 - Winches
Huver Maintainer
2 Air Compressors
5 Asphalt Rollers
- Leaf Vacum
- Dozer Blade
- Dump Body
Trencher
5 - Road Graders
2 Log Skidders
7 Tag-A Long Trailers
Rogers 25 ton Detachable Goose-Neck Trailer
3 - Law-Boy Trailers
2 Box Scrapers

BACKHOES

Case 680
AC 1400
Ford 5550
2 Parsons 15
M F 2200
2 Ford 4500
4 Case 580
2 Case 530
2 J D 500A
J D 400
2 Backhoe Attachments

RUBBER TIRED LOADERS

JD 544
Cat 922B
Hough 100
Terex 72 10
Michigan 175A
AC TL30
Case W9D
Hough 25
Laram ML 225

TRUCKS AVAILABLE FOR DELIVERY

A FEW ITEMS SUBJECT TO PRIOR SALE

Terms: Full settlement before machinery is moved. Pay 20% down sale day and full settlement when you remove your purchases from the lot. Final removal date and balance due date on or before February 9, 1974. Trucking is available at the customary rate.

FINANCING AVAILABLE FOR FARM EQUIPMENT THRU C.C.E.C.
FINANCING AVAILABLE FOR INDUSTRIAL EQUIPMENT THRU EQUIPMENT FINANCE INC

CRAWLERS

AC HD4 Loader of Backhoe
JD 40 Dozer
2 Cat D8 Dozers (1 D8H)
JD 450 Dozer
2 JD 350 Dozers (1 winch 1 hyd angle)
Cat 941 Loader
Case 1000 Dozer (hyd angle)
AC HD3 Dozer (hyd angle)
JD 1010 Loader
Case 1000 Loader of Ripper
JD 440 Loader
Int T340 Loader
Cat 955H Loader Pedal Steer
4 Cat 955K Loaders (3 85J Series 1 Ripper)
2 Case 450 Loaders
2 AC HD6 Loaders
2 JD 450 Loaders
Oliver OC3 Loader
2 Oliver OC3
Int 150
Cat 955-12A Loader
Int TD9 Loader
AC HD5 Loader
Cat D4 Loader
2 Case 800 Loaders
4 JD 420 Dozers
2 JD 440 Dozers (winches)
2 1010 Dozers
4 Cat 933 Loaders

TRUCKS

2 1962 Ford F600 Dump
1965 GMC 4000 Flatbed
1968 GMC 5500 Flatbed
1966 Ford 750 Flatbed
2 1966 Chevy Tractors
1967 GMC Tractor
1968 Int. 3 Axle Dump
1968 Chev Van
1966 GMC 3 Axle Dump
1969 Int 10 Wheel Dump
1972 Chev Flatbed
1969 Ford Cement Mixer Truck
1963 Chev 10 Wheel Dump
2 1964 Ford 10 Wheel Dump
1969 Int Truck Tractor
1973 Ford Pickup
2 1962 Int Dump Trucks
1967 Chev Flatbed
1970 Chev Rollback
1970 Ford Horsevan
1968 GMC Welder Truck
5 Mack Tractors

TUES., JAN. 29

FARM MACHINERY

COMBINES

AC Gleaner C2
AC Gleaner E
AC 4 Row Cornhead
3 AC 2 Row Cornheads
2 JD 40
2 JD 3 Row Cornheads
3 JD 2 Row Cornheads
JD 30
3 MC 203
MC 3 Row Cornhead
MC 80
MC 13 Grain Platform
3 Int 315
2 MF 510
2 MF 2 Row Cornheads
3 MF Grainheads
2 NI Uni-Systems
2 NI Uni-Harvesters
NI Uni-Husker
2 NI Uni- Pick Up Heads

PLOWS

2 AC 3X
2 AC 4X (1 steerable)
2 AC 5X (steerable)
AC 7X (steerable)
Ford 1X
4 Ford 2X
3 Ford 3X
Ford 4X
JD 2X 3
10 JD 3X
10 JD 4X (7 steerable)
JD 4 Automatic Reset (steerable)
6 JD 5X (steerable)
3 JD 5X Reset (steerable)
JD 6X
3 Oliver 2X
3 Oliver 4X (2 steerable)
2 Oliver 4X (steerable)
2 Oliver 5X (steerable)
Oliver 5X Reset (steerable)
2 Int 1X
3 Int 2X
6 Int. 3X
6 - Int 4X (5 steerable)
5 Int. 5X (4 steerable)
Int. 6X (steerable)
- Int 7X (steerable)
2 National 3X

RAKES

4 NH (late)
3 NI (late)
2 JD (late)
5 Misc.

MISC. FARM EQUIPMENT

20 3 Blades
40 Gravity Bins
6 Corn Cribs
4 Garden Tractors
25 Gates
12 Post Hole Diggers
Int. 2 Row Potato Digger
30 Sections of Rotary Hoe
20 Rotary Mowers
6 Seeders
3 Sprayers
10 Snowmobiles Used
12 Snow Plows
3 Snow Blowers

HAY CRUSHERS

NS Cut Ditioner
MC Crusher
4 NS Crushers
4 AC Crushers
2 JD
Gehl

CULTIPACKERS

12 Various

FERT. DRILLS & SPREADERS

6 Misc. Drills
10 Spreaders

DISC HARROWS

8 Int. Pull Type
2 Int FH
8 Int Wheel Discs
8 JD Pull Type
16 JD Wheel Discs
4 JD Offset Discs
Case Wheel Disc
5 Oliver Wheel Discs
Athens Offset Disc
King Offset Disc
Miller Offset Disc
Long Offset Disc
2 Ford 3 Pt Discs

CORN PICKERS

NS 310
NS 323
4 NS 2 Row Mtd
2 NS Husking Bed
2 NS Grinder Attach
6 NS Sheller Attach
11 NS 2 Row Pull Type
Int 2 MH
Ford 2 Row Mtd
2 Ford 1 Row Mtd
Int 234
MM 2 Row Pull Type
2 Oliver 73 H

CULTIMULCHERS

3 JD
3 Chattanooga
4 Brillion
Durham

WAGONS

10 Self Unloading
4 Flatbed
3 Trailers

MOWER CONDITIONERS

MC 201 Self Propelled
NH 565
2 NH 469
2 Owatonna 9
AC 9
2 NH 460

LOADERS

30 Assorted Loaders of various makes and models including some new

CULTIVATORS

10 Ford 2 Row 3 Pt.
4 JD 4 Row Rear Mtd
6 Misc. JD
2 Int. 4 Row Rear Mtd
20 Misc. Int
2 Case Field Cult
2 JD Field Cult
10 Misc Cult

CORN SHELLERS

3 MM
1 JD

BLOWERS

3 Gehl
2 Kools
2 NH
Fox
Supreme

BALERS

NH 68 W/PTO Thrower
AC 302 W/PTO Thrower
AC 303 W/PTO Thrower
NH 66
4 Balethrower Attach

MOWERS

1 Case
5 Int
8 JD
4 NH
1 MF
2 Mott

CORN PLANTERS

New Int 2 Row
6 Int 2 Row
6 Int 4 Row
4 JD 2 Row
3 JD 4 Row
JD 8 Row
Oliver 4 Row
MM 4 Row
MF 4 Row
MF 6 Row
MF 2 Row
Ford 4 Row
Ford 2 Row
AC 2 Row
Case 4 Row Chisel Planter

GRAIN DRILLS

6 - JD
2 - Int.
MI
SC

SPREADERS

6 Starline
8 NI
5 NH
2 Olivers
3 MC
AC

FORKLIFTS

Towmotor LT 72
AC I 600
- Baker
Int 7000
2 Case 580
Taylor

ELEVATORS

12 Various Makes & Lengths

HARROWS

3 Spike
Oliver Wheel Harrow
Brillion Wheel Harrow
15 Misc. Spring Harrows

HARVESTERS

Int. 50
2 Int 16
NH 818
2 Case 300
3 NH 717
JD 38
3 Fox Harvesters
NH 818 Self Propelled
Gehl Self Propelled
10 Misc Corn & Pick up Attachments

FEED MILLS

2 Helix
JD
2 NH
Int

STALK CHOPPERS

3 NH 36
2 JD 16A
2 JD 15
2 Ford Rear Mtd
3 Brady
4 NH 33
AC 56
Gehl 72
Bearcat
4 Misc

ATTENTION — FARMERS & DEALERS: This will be one of the largest line of Farm & Industrial Equipment ever to be sold at auction. Selling will be Monday, Jan. 28 starting at 9 o'clock a.m. Construction equipment and trucks. Farm Tractors sell at 1 o'clock Monday. All other farm equipment will sell starting at 9 o'clock Tuesday. Don't miss this sale - Everything must be sold to the highest bidder. We invite you as buyer or visitor.
- - Midwest Auction Co.

SALE CONDUCTED BY

MIDWEST AUCTION COMPANY

GRAND MEADOW, MINNESOTA — AUCTS R.D. McWHIRTER & CON CLEMENT

FOR MORE INFORMATION CONTACT

WENGER FARM MACHINERY, INC 717-866-2138
NIGHT - LLOYD WENGER 717-866-7147

CON CLEMENT
MIDWEST AUCTION COMPANY 507-754-5121 GRAND MEADOW, MINN.

Farm Calendar

Monday, January 28

7:30 p.m. - Manheim Young Farmers Soybean Production Seminar 1 by John Yocum, Manheim Vo-Ag Department.

7:30 p.m. - 4-H Tractor Maintenance Club (Northern Club), Farmersville Equipment Co., Farmersville.

8:00 p.m. - Trooper Rowlands of the Lancaster Police Barracks will give a program on robberies at the Fulton Grange, Oakryn.

Tuesday, January 29

9:30 a.m. - Cattle Feeder's Day at the Farm and Home Center, Lancaster.

7:30 p.m. - - Ephrata Adult Farmers meeting on vo-ag classroom.

4:30 p.m. - Lancaster County Vo-Ag Teachers Association meeting, Lampeter High School

4:30 p.m. - FFA Project Book Evaluation Contest, Lampeter-Strasburg.

7:00 p.m. - Eastern Lancaster County Adult Farmer welding course, Garden Spot High School vo-ag department.

7:30 p.m. - Ephrata Adult Farmer officers meeting, Ephrata vo-ag department.

Elizabethtown Adult Farmers Corn Production Dairy Sire Selection, Ephrata Vo-Ag Department.

7:30 p.m. - 4-H Tractor Management Club meeting (Central Club) at Landis Brothers Farm Equipment Service Shop, Manheim Pike, Lancaster.

7:30 p.m. Manheim Young Farmers Soybean Production Seminar 2 by John Yocum, Manheim Vo-Ag Department.

7:45 p.m. - Swine Meeting; Marketing Feeders and Fat Hogs, Garden Spot High School, vo-ag classroom.

Thursday, January 31

9:00 a.m. - Poultry Tour, Garden Spot High School, meeting, Elizabethtown Area High School, vo-ag department.

Saturday, February 2

9:00 a.m. - County Meats Contest at Kunzlers.

1:00 p.m. - Penna. Pork Producers Council annual meeting and awards banquet, Farm and Home Center, Lancaster.

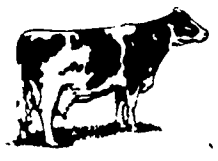
6:45 p.m. - Ephrata Adult Farmers 5th Annual Banquet, Mt. Airy Fire Hall.

HERD DISPERSAL

WEDNESDAY, JANUARY 30

at

NEW HOLLAND SALES STABLES, INC.



36 HEAD HOLSTEINS

Several recently fresh.

Some due in next 8 weeks. A good producing herd milking up to 70 lbs. per day.

Half fresh within past 30 to 90 days. Quite a few due March and April. Balance of herd in all stages of production. Some really good cows in this herd, cows that will milk up to 70 or 80 pounds per day.

CONSIGNED BY

JOHN I. FRITZ

ABE DIFFENBACH, Manager

MONEY MASTER®

is coming.

Pa. Broiler Placements Down 10 pct.

Placements of broiler chicks in the Commonwealth during the week ending January 19, 1974 were 1,092,000. The placements were 10 percent below the corresponding week a year earlier, and 15 percent below the previous week. Average placements during the past 10 weeks were 6 percent above a year earlier.

Settings for broiler chicks were 1,837,000 - 5 percent above the previous week and 2 percent above the comparable period a year earlier. The current 3-week total of eggs set is 1 percent above the same period a year ago.

Inshipments of broiler-type chicks druing the past 10 weeks were zero compared with 8,000 a year ago. Outshipments averaged 290,000 during the past 10 weeks, 42 percent above a year earlier.

Placements in the 21 States were 59,691,000 - 1 percent above the previous week and 6 percent above the corresponding week a year earlier. Average placements during the past 10 weeks were 3 percent above a year ago. Settings were 72,703,000 - 2 percent below the previous week but 2 percent above a year earlier. The current 3-week total of eggs set is 4 percent above the comparable period a year ago.

Mail Box Market

For Sale - 16 Jamesway stanchions and 50 feet litter carrier track. Jacob F. Stoltzfoos, RD1, Box 51, Kinzer, Pa. 17535

For Sale - Registered Heifer bred to Gay Ideal due Feb. 5. Call 872-4238

For Sale - McCormick loader off of a 240 International tractor, good condition. Phone 215-942-2657

For Sale - DAIRY FARM, Dauphin County near Gratz. Priced for quick sale. Call (717) 647-4301

For Sale - Barley straw, $45.00 per ton at farm. Phone 717-665-4906

For Sale - AKC beagles, champion bloodline plus great hunting stock, 6 weeks old, 3 females, 2 males, $50 each. Phone 786-4377

For Sale - 10 Gilts will farrow within 2 weeks; Also Starline water bowl. Phone 354-5360

For Sale - 1972 Datsun 1200 engine, complete, 14,000 miles; 1963 Olds 88 engine, complete. Both in very good condition. Phone 653-5775

For Sale - 22" Frick thrashing machine in very good shape. David N. Zimmerman, Coat Shop, Leola RD1, 1 mile North of Bareville.

For Sale - 7 year old light brown work horse, well broke, plenty of snap. Daniel K. Esh, Maypost Office Road, RD3, Quarryville, Pa.

For Sale - John Deere N Manure spreader; also ensilage sides for John Deere N spreader; Hershey tobacco transplanter; tandem axle trailer. Phone 445-6944

Mail Box Market

Wanted to Buy - Used folding chairs. Phone 354-7739

For Sale - 1 Chester White bred gilt, due March 1st. Rodger P. Bankert, RD3, Hanover, Pa. Phone 717-637-2932

For Sale - 3010 John Deere gas tractor, good condition. Phone 215-593-6464

For Sale - Portable Zimmerman grinder mixer with Letz plate mill needs a little auger work. $300.; 55 Gilts and 3 Boars, white 3 way cross. Samuel G. Musser, RD1, Box 388, Lebanon, Pa. 17042

For Sale - 125 BTU automatic space heater, thermostat controlled, $125.00; 60 ft. Jamesway bunk feeder $100; ½ H.P. motor 130 HR Buda Diesel engine $200. Call 215-683-7214

For Sale - 3 H.P. refrigeration compressor with jackshaft, tubing complete, also 18 feeder pigs 45 to 50 lbs. best offer. Noah M. Zimmerman, RD1, Leola, Pa. 17540 (Farmersville Rd.)

For Sale - Young rabbits, white and multi-colored. Call 529-2879

For Sale - 2 Surge milkers in good condition. Wanted - 4 or 6 can cooler, state price. Abram F. Stoltzfus, Locust Ave., Leola, Pa. 17540

For Sale - Chihuahua puppies. David B. Beiler, 58 Witmer Road, Lancaster, Pa. 17602 first farm left on Witmer Road.

For Sale - 2 York-Hamp Landrace Cross gilts, 1 boar, breeding age. Daniel B. Smucker, RD1, Gordonville, Pa. near Zelterreich Church.

PHONE: 768-8231

C. B. Hoober & Son Farm Equipment

Intercourse, Pennsylvania 17534

JOHN BEAN SPRAYERS • ACORN BARN EQUIPMENT

ESCO MILK TANKS • LAWN & GARDEN EQUIPMENT

LISTER DIESEL ENGINES

SYMBOL OF SERVICE — INTERNATIONAL HARVESTER

NOTICE TO ALL CUSTOMERS

THE ANNUAL OPEN HOUSE WILL BE HELD JANUARY 28th To FEBRUARY 1st

AGAIN we will be looking forward to your presence and the priviledge of meeting each and every one of you.

We will serve light lunch at 12 noon January 31st., and on

FRIDAY FEBRUARY 1st we will have entertainment in the evening starting at 7:30 P. M..

We will also have a discount of 10% on all parts.

We are hoping you can attend.

Sincerely

C. B. Hoober

C. B. Hoober & Son

Mail Box Market

(Continued From Page 32)

For Sale - 15 KW Generator diesel unit, good condition. Phone 859-1971

For Sale - 2nd cutting mixed hay. Phone 717-367-3112

Country apartment for rent. Wanted to Buy - Oil space heater. Phone 717-653-5861

For Sale - 2 butcher hogs, weigh 300 and 400 lbs. Paul N. Hoover, East Earl, RD1, Pa. 17519

Wanted - Brown Duff Goose, hen or two of them. Leroy Fetrow, RD1, Palmyra, Phone 717-469-2615

Wanted to Buy - Ashley wood burning stove. Late model preferred. Will pay top dollar. Call 215-384-1300 or 215-384-4688

For Sale - Electric adding machine, Underwood, 10 digit, 10 keys $50.00 Pool Table 8 ft. like new sell for ½ price $175. Phone 215-267-2036 or 267-2083

Mail Box Market

Wanted - Owners manuel and or parts book for 15-30 McCormick Deering tractor, 1929 model. David F. Lapp, RD2, Box 272, Myerstown, Pa. 17067

For Sale - John Deere 40, good condition; 2 row cultivators 3 point hookup; 2 H disc harrow and 2 wheel trailer with steel bed. Phone 717-665-5780

For Sale - AKC Registered Dachshund pups 6 wks. old 2 females. Amos Kilmer, East Earl 1 mile west of Bowmansville

For Sale - 1 Purebred Holstein Heifer with papers, born 7-29-72, sire Killinsdale Whittier Elfac; Dam Fawn Valley Performer Mary. Suitable for 4H or FFA project. E. C. Hedrick, RD2, Delta, Pa. 17314, Phone 717-862-3971

For Sale - 1961 Dodge pickup truck with tool boxes, 6 cylinder, 4 speed $395.00. Call 656-7829

NEW and USED

PICK-UP TRUCKS

and

VANS

STOP AND SEE OUR NEW
FULL TIME SALESMAN
MEL HEISEY

PETTICOFFER DODGE

1579 So. Market St.-RT 230 East Elizabethtown, Pa.
Ph. 367-1808

PUBLIC SALE

HOLSTEIN DAIRY HERD and FARM EQUIPMENT

Some Household Items

SATURDAY, FEB. 2, 1974

11:00 A.M.

Location: Just off Rt. #30 between Gordonville and Paradise, Lanc. Co., Pa. (10 miles east of Lancaster).

26 Holstein Cows

mostly fresh late fall, several recently, many bred back for summer and early fall, real good producing herd, some have produced 80 lbs. A few Registered cows including daughters of Kingpin and Hector. 2 yr. old Reg Bull with Ivanhoe breeding whose dam made twice over 22,000 lbs. milk 30 day Blood & T.B tests Preg Checked.

Allis Chalmers tractors W.D. 45, with wide front; W.D.-45, Loader and Snow bucket, Cultivator; D-14 with mtd. 2 bottom plow; Farmall "A" with cult. and hoer; A.C. 2-Row Corn Planter.

N.H. 270 Hayliner, N.H. hay Crimper, N.H. Rake; N H. 28' elevator; N.H. spreader (new sides); (2) N H. Bins on running gears; New Idea 1-Row picker; Brady Chopper; J.D. 32 transport disc; J.D. 12 ft. spring tooth harrow, Mc. Lime Drill; Cultipacker; Weed Sprayer (drop nozzle); Corn elevator 20' long; 2 Flat wagons; 3 point scraper; Jamesway barn Cleaner; J.D. 2 bottom (steel bottom) trailer plow; 4 section weeder, tractor chains.

Cement mixer; Brooder house; Bulk feed Bin, (2) hay racks; feed carts; locust posts.

MILKING EQUIPMENT

3 Surge 50 lb. units; Surge SP-11 pump, 24 milk cans; front opening cooler; S.S. carrying pails; S.S. strainer; Agway Water Heater; Agway milk saver mixer.

Stable ventilating fan, Tractor Fence Roller; fencers; rope & pulleys; Tractor seed sower; log chains, lawn mowers; etc

1954 Cadillac 2-door sdn.

Ear Corn **Corn Silage**

Butchering tools including hog scalding trough; (2) Enterprise meat grinders, stuffer

Household goods including: studio couch; D.R. suit; B.R. suit, metal cabinet; kitchen cabinet; High Chair; Desk Bookcase Combination; Chest of Drawers; set of dishes service for 18; rugs; National Geographic magazines; lots not mentioned.

Will sell household goods first

Sale by,
EARL and LENORA JONES

Aucts.
Carl Diller, 464-2233
J. Everett Kreider, 284-4517

Lunch by: Gordonville Fire Co. Auxiliary

Mail Box Market

For Sale - New Holland 404 Hay Crusher, rubber roll. Phone 215-445-6816

For Sale - 7½ Lister completely rebuilt, automatic starter and stop. One 3½ Lister water cool, slow speed. Amos L. Martin, East Earl RD1, Pa.

For Sale - 1961 Rambler Classic 4 dr. Sedan, auto and PS. Needs some motor work $40.00. Ed Smucker, Phone 717-656-6644

For Sale - Used Rabbit Pens. Abner F. Stoltzfoos, Box 425, North Shirk Road, New Holland RD1, Pa.

For Sale - 20 sawed locust posts, $2.25 each; Also 8 and 10 foot 2" x 6" 's 15 cents a foot. Call 665-6433

For Sale - Locust posts. Phone 717-456-5600

For Sale - 13 Holstein bull calves weighing 300-400 lbs. Also wanted - 8 Johnson cups. Daniel Z. Glick, Rothsville Road, Lititz RD4.

For Sale - Austrailian Cattle Dog, female, 5 mos. old $20.00. Phone 626-8610

Wanted - Place to board 2 bred Heifers till May or June. Phone 299-3362

For Sale - 8 storm windows - One 28x59, one 28-62½, six 28x63, $2.00 each. Phone 464-3638. Call after 5, Saturday anytime

For Sale - 8 HP Moto-Mower riding tractor with 42" mower $350. Phone 354-9357

For Sale - New Holland 352 Grinder Mixer, good condition, Phone 717-733-2857

For Sale - 1963 Ford Fairlane, 6 cylinder, automatic, black, 4 door sedan. Fair condition. Asking $300. Myerstown RD2, Pa. Call 866-4776 after 6 P.M.

For Sale - New Holland No. 517, 3 beater manure spreader good working condition, also Zimmerman Portable feedmixer with PTO. Phone 717-354-7151

For Sale - Hog bristles for plant beds $1.75 per burlap bag. Also Muscovy ducks for breeding stock 50c a lb. Apply to John M. Martin, Denver RD1 17517 at Fivepointville N.E. 1st farm

Wanted - Several female African or white Chinese geese. Send name, address and price to Benuel L. Fisher, N. Cherry Lane, Ronks, Pa. 17572

For Sale - 5 ft. mower for Model-G A.C., like new $65. Hd. ¾" drill $65. Phone 717-755-6946

For Sale - 2 Yorkshire boars about 250 lbs. very active $150.00 each. Lloyd M. Burkholder, Phone 859-2712

Mail Box Market

For Sale - Chester White and Hampshire service age boars. James T. Parlett, Airville, Pa. Phone 862-3610

Wanted to Buy - One used plow for Farmall Cub tractor. Phone 717-626-8628

For Sale - 303 Artic-Cat Panther Snowmobile $675. Also L.P.S. tank $65.00 Phone 717-653-5359

For Sale - Marble top sideboard, old Winsor bureau, Oak washstands, 2 rockers, 6 old fashioned kitchen chairs and jars and jugs. Elam Zimmerman East Earl RD2, Pa. along Route 23 East of Goodville

Wanted - Single or double cylinder Petter diesel engine for parts. State model condition and price. I. B. Zimmerman, Ephrata RD2, Pa. 17522

For Sale - 1 Kenmore coal or wood heater, new last Spring, average size $85.00 Wilmer Kiefer, New Holland RD1, Pa. 17557 Phone 717-354-5408

For Sale - 1 used Brady stalk shredder, 12 ft. wide. Phone 653-1674

For Sale - 3½ mo. old Dorset Ram Lambs. High quality, may twins. Phone 717-665-6664

For Sale - Chihuahua puppies between Georgetown and Nichol Mines. Reuben B. Fisher

For Sale - Freeman loader for Massey Ferguson 165, hydraulic pump, fork and bucket in one. Ammon Weaver, RD1, Lititz West of Lincoln on Lincoln Road

Livestock For Sale

For Sale - 2 Holstein Heifers due in 6-8 weeks. Sired by Atlantic Breeders Coop. Phone 717-367-3242

For Sale - 60 bred Heifers due February and March. Ray Espenshade, Coudersport, Pa. Phone 814-274-9692

Duroc registered breeding stock and crossbred gilts for sale. Production tested and top quality bloodlines. Our herd produced champions at both the '73 State Fall Sale and '73 Keystone International Dutch Valley Farm, RD3, Manheim, Pa. Phone 717-665-6220

Fresh and springing registered and grade Holstein Heifers. Wm. J. Windle, Phone 215-593-6143

SPF origin Hybrids bred to meet demand of commercial producer. Excellent litter size and growth rate. Final cross is four-way cross which adds vigor and carcass quality. Jet Age Swine Breeders, Inc., Abram K. Fisher, Jr., Manager. 717-768-8378

HOG PRODUCERS!

Get Top Price for Your Hogs at New Holland

Sold in sorted lots the auction way See them weighed and sold and pick up your check

SALE EVERY MONDAY 10:00 A.M.

NEW HOLLAND SALES STABLES, INC.

Phone 717-354-4341

Abe Diffenbach, Manager

Livestock For Sale

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, RD2 Strasburg, Pa. PH. Ac 717-786-2562

Hampshire and Yorkshire Service Age Boars and Bred Gilts. Contact John Strawbridge, Stewartstown, Pa. 17363, Phone 301-996-2022

Wants to Buy - Red & White Holstein Calves. Kenneth D. Myer, RD3, Elizabethtown, Pa. Phone 717-367-3344.

Yorkshire service age boars - Unrelated bloodlines. Delivery Available.
LEON L. ARNOLD
Lebanon, Pa. 17042
Ph: 717-273-5880

Need Extra Income? Raise hogs on contract. Phone 717-442-4632 daytime

Wanted - Registered and Grade Holstein Heifers or sound cows which will calf within 8 weeks.
J. B. KELLER & BRO.
Mount Joy, Pa. 17552
Phone 717-653-4591

For Sale - Horned Hereford range bulls. Write or Call Lauxmont Farms, RD1, Wrightsville, Pa. Phone 717-252-1525

For Sale - Registered Polled Hereford Bull, 18 mo. old. Pawnee Line. Phone 1-717-467-3940

Personals

Edith J. Singmaster, 1923. Persons with information please contact H. T. Hicks, Box 104, Masonville, N. J.

Real Estate

Wants to Buy - Farm Properties with development potential. 30 acres to several hundred acres. Howard Goss, Office 761-6113. Home 737-2234

Custom Work

CUSTOM BUTCHERING
We can dress, cut and wrap your beef or hog to your specifications, ready for your freezer. Old fashioned pudding and scrapple, woodsmoked sausage and dry beef, etc.
Open weekdays 7 A.M. 8 P.M.
Sat. to 4 P.M.
Located 2 miles northwest of Leola, Snake Hill Road. Emmanuel and Daniel Z. Stoltzfus, Box 233, Bird-in-Hand, Pa.

Miscellaneous

J. C. Ehrlich Co., Inc. Termite, Pest, Rodent and Smoke control. Lawn and Shrubbery spraying. Free Estimates. 1278 Loop Road, Lancaster, Pa. Phone 717-397-3722

Cash For Pups
I need Purebred and extra cute mixed breeds in litter lots, 7 to 10 week old. Must be clean and healthy. Contact "Jo Jo 'the Dogman" at Root's Farmers Market, RD1 Manheim, Pa. Every Tuesday 4 P.M. to 8 P.M. No Phone Calls.

Feed & Seed

For Sale - Chem-Stored High Moisture Cor. Phone 898-873(or 898-2059

Excellent corn silage in concrete trench silo. Sold Cattle - will load for buyer Brooklawn Farms, Phone 717-569-1580

For Sale - High Moisture shelled corn. John D Stoltzfus, Brick Church Road, Leola, Penna.

For Sale - Dried Shelled corn. Will Deliver to your farm. Call 717-545-3948

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Services Offered

Wanted - Carpenter work. Will build houses, pole barns, cow barns, garages, or chicken houses. Write Samuel S. Lapp, Christiana, Pa. Box 274, 17509 or Driver. Phone 529-2481 or 768-3624

INSULATION. LOAFING SHEDS — DAIRY BARNS. SPRAYED ON URETHANE FOAM. Ideal for eliminating condensation. Perfect for irregular surfaces. For free estimate call Conestoga Chemicals & Plastics, Inc. 397-3724. After 5:00 P.M. call 872-2233.

Dairy Equipment

DeLaval Milker, 3 pail units No. 73 pump complete with pipe, cocks, converter. Phone 215-678-7813

Renting High Pressure Washer for $5.00 per hour. Call now for more information. Phone 717-354-5181

200 gal. Girton, good condition.
625 gal. Girton used 1 yr.
700 gal. Esco good cond., with compressor.
Used 300 gal. Girton Milk Tanks good cond.
CLARK ELECTRIC
RD1, Kinzers, Pa.
Ph: Intercourse 768-8228

Pets

3 male apricot puppies, small miniature, 8 weeks old, dewormed and shots, $150. Phone 1-302-737-6526

Miscellaneous

Want to Buy Antiques - I will buy old furniture, lots of household items, glassware, bric-a-brac, etc, junk removal. Get some stuff together and call Ed 215-593-5594

WOOD SHAVINGS. Ideal for work-ways and bedding. $15.00 per ton picked up or bulk load at $150.00. Less expensive than straw or tanbark. Contact Bob Geist at Leola Supply Co. Inc. Ph. 717-656-6811.

For Sale - Old barn lumber and timbers. Can be seen anytime. Call 717-629-0777. Neal Murphy, Kunkletown RD1, Pa.

4 aerial ladders 40 to 85 ft. reach on 1962 and 1963 trucks for farm painting etc. 1963 Ford truck, cab and chassis, 18 ft. wheel base, perfect condition. Phone 786-2061

NO POLLUTION

in new earth, Rev. 21:27. Candidates must practice here to enter there. Big premium markets are earthly rewards also, for faithfulness - cities want huge quantities pure food, from small vegetables, health baked food, to soybeans, all grains, live geese and dressed beef, fed on organic feed; at premium prices.

Have excellent sil builders, conditioners, minerals, economical products, soil tests, natural insect repellants; natural manure de-odorizers and decomposers. The latter improves hen-health and manure wealth.

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NEW EQUIPMENT
CASE-NEW IDEA-GEHL
David Brown Tractors
Satoh Tractor & Loaders
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Dunham Cultimulcher & Cultipacker in Stock.
3 pt. N.I. Fert. Spreader in stock

USED EQUIPMENT
Int. Cub 8 H.P. w-mower and Snow Blower
300 Case tractor
Hawk Bilt 185 bu. left Discharge
2 530 Case Tractor Gas & Die.
New Idea Spreaders & I.H. & J.D.

A. L. HERR & BRO.
Quarryville 786-3521

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Irish Setters, Liberty Venture Farm presents another outstanding litter. Reasonably priced to good homes only. AKC, health guaranteed. Phone 301-658-6062 after 4:30 P.M.

6 Belgian Sheep Dog puppies, 3 mos. old, shots and dewormed $150.00. Phone 1-302-737-6526

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For Rent or Sale - Dairy or beef farm, 309 acres, clean, good buildings. Airville, Pa. Phone 301-665-6586

DAIRY FARM - Greenwood, Del., 80 A clear. Ranch house, four years old, with 2,600 sq. ft. Two silos with unloaders, truss haybarn, free stalls, calf barn, milking parlor, and implement building. Additional 120 A clear available for a short time. Call John B. Walls - 302-645-2881 - from 9:00 A.M. to 5:00 P.M.

"60 ACRE FARM"

Lebanon County, large brick home in excellent condition with modern conveniences and fire place.
Large barn with new 44 stall addition, glass pipeline, new gutter cleaner, plenty of road frontage, a real showplace in a high state of cultivation. Send for FREE brochure.
Sales Assoc.
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273-9351

Farm Equipment

For Sale - New Holland Manure Spreader 130 bu. PTO; 1967 ½ ton Chev. pickup. Phone 215-286-5362

NEW EQUIPMENT
Spring Harrows
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3 & 4 Bot. Plows
Blowers-Running Gears
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Rear Scraper Blades 6' & 7'
Cobey 3400 spreader
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Hawk Bilt tank Spreader
See us before you buy

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Case 12 H.P. Tractor with Snow Blower Electric Start
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Used Farmhand Grinder Mixer

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Dairy farm 187 acres, 2 silos with unloaders, bunk feeder, 57 free stalls, 39 stall milking barn, all milking equipment, bulk tank, heifer barn, modern farm shop, machinery storage, part alfalfa soil, nice electrically heated 8 room house, 2 baths, full basement. C. Edward Wiand, RD2, Mansfield, Penna. 16933. Phone 717-662-3110

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For Rent - Dairy farm, 210 acres near Penn State University. Modern barn, house, April 1, 1974. Phone 814-383-2771 after 5 P.M.

103 acres of high productive land, including buildings valued at price of farm. Asking $140,000. Down payment entitles buyer to farm ground this Spring. (Milton, Pa. area) Write Box 266A, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

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IHC Demo. 3200 Loader-Tractor.
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IH 531 3-16" 3 pt. Plow
John Deere Model 44 PTO Spreader

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AC mower conditioner
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14T Baler w-gas engine, steel wheels

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The Buck Pa. 284-4141

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Help Wanted - Man to work on poultry farm. Full time or part time work. Phone 392-1858 or 898-8921

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Ferguson 20 w-loader
Case 350 Gas
Case 411
Case SC
Owatonna Skid Steer Loader w-backhoe

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Open till 9 P.M. Tuesdays.

Help Wanted

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For Sale - 1971 Jeep, C-J-5 with snow plow, good condition. Phone 393-4187

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International MD Diesel
Case 730 Gas
John Deere A
Ferguson 20 w-loader
Case 350 Gas
Case 411
Case SC
Owatonna Skid Steer Loader w-backhoe

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STEADY WINTER WORK
HELP US SLAUGHTER HOGS

Good Pay.
Good working conditions. We are growing and need butchers, meat cutters, kitchen, smokehouse and general labor.

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Car necessary. Experience helpful but not necessary.
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3 Men To Package
Small Bags Fertilizer
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Men 18 Years and Older
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Call 898-2461

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108 ACRE BERKS CO. FARM.
Excellent sand loam soil with gently rolling terrain Fishing stream, secluded location, road frontage, 40x80 bank barn, brick home, implement shed, etc Owner shipping milk but you decide if its cows, steers, or hogs HURRY! It won't last at $97,000.
SALES REP.
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DERRY REALTY CO.
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Person to work full time in feed mill.
Job requires a person who is dependable and accurate. Hospitalization and paid vacation provided
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You can make a good profit selling Muncy Chief 200 bushel Hybrids and other seeds to Farmers and Dealers
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19	1 33	3 20
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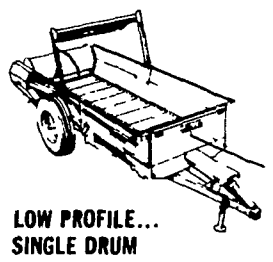
MODEL 181
MANURE SPREADER



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Fits all standard tractor P T O 's rugged Patz Model 150 hook and eye apron chain full 180 bu capacity optional hydraulic end gate retains all liquids within spreader box during travel

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For Sale - Concrete slats for swine liquid manure systems, 4 ft. - $1.48, 6 ft. $3.00 Satisfaction guaranteed. Valentine T. Petersheim, RD2, Box 229, Mifflintown, Pa. 17059

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For Sale - Steam boiler, 38 flues, on truck including pans. Phone 717-933-8441

For Sale - New Holland 261 haybine. Call 301-658-4381

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NI 702 UNI w-2RW, 400 hrs. (excellent), $6000.
Gehl SP, (good), new 3 RN hd., pickup hd., engine rebuilt, priced for quick sale.
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JD 38 PTO, 2R & Pickup Hds., (good), $1500.
NI 702D Uni, (good), W-2R Chopper, combine w-11 ft. hd., (excellent), 2 R snapper husker. - $11,000
1973 Field Queen Demo., 210 HP Cat Diesels Hydrostatic Drive, choice of heads, 100 hrs., (like new) Special Price.
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USED FARM EQUIP.
Starline 730-180 bu. tank spreader
N.H. 275 baler w-thrower
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24 & 30 ft. N.H. Elevator
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For Sale: Cat D2, 5U, hyd., ready to work $2,200; Cat D4, 7U, hyd., ready to work $3,200; 2 TD 340's, hyd. blade, crawler & dozer, $1,900 to $2,500. Ben Lombardo Eq. Co. 215-944-7171

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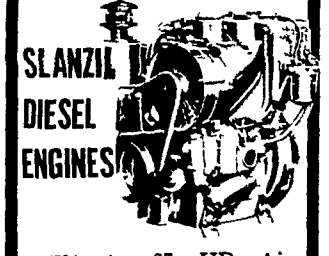

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COMBINES - John Deere 6600 diesel with cab, air, grain and 6 row 30", John Deere 6600 with cab, grain and 4 row 40" head, 95 diesel, 45, 40 square back. Massey Ferguson 510 diesel with cab and Quick Tach head, 510 diesel with cab and 4 row corn head, 300, 35. International 503 with cab and 4 row head $3,900. International 503 with 4 row head $2,900. Gleaner CII, A II, C with cab and 4 row head $2,900.
PLOWS - John Deere, International 4, 5, 6, 7 semi mounted trip, and automatic reset, Allis Chalmers 7 bottom trailer plow.
HARVESTERS - (New) New Holland Super 717 with 2 row head list price $4,100. My price $3,100. Used 717, 818, 616. John Deere 38 with 2 row head. Internationl No. 50 with 2 row.
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Tractors and equipment coming in every day.
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Four wheel drive loaders - Melroe Mustang International, Owatonna, Universal and Bobcat; New and used grinder mixers $465 and up;
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Farmall 1206-706-460-560-300-4000-404-B414;
John Deere 420-410-3020-3010-2010-530-520-430-435-50-60-70-1010;
Allis Chalmers D19-D17-D15;
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David Brown 1200-990;
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Crawler tractors with blades and loaders; Rubber tired tractors with loaders and backhoes; Trenchers; pay loaders and fork lifts.
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New and used manure spreaders; mounted and pull type plows; Disc harrows; wheel rakes; Roto-bar rakes and balers.
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50 KW Generator Set, gasoline fueled, skid mtd., excellent condition for immediate delivery.
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Pony Massey Harris with cult.
154 Cub LO-Boy w-5 ft. rotary mower, A1 condition
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STARTED PULLETS, 20 WEEKS
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Wanted - Housing for heavy type breeders Buildings must be insulated, 5,000 sq ft or over Call 717-367-1545

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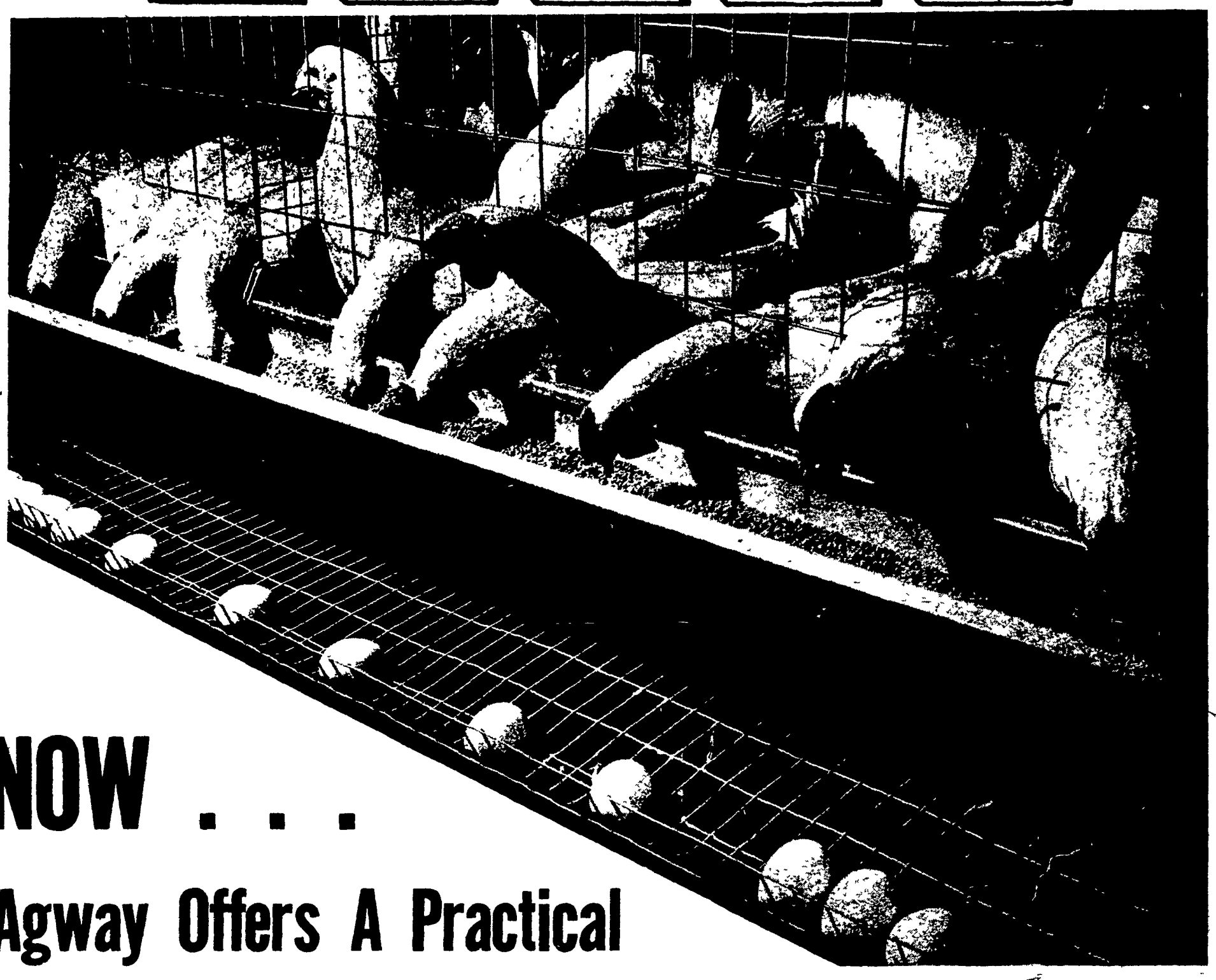

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As every poultryman knows, the only egg that counts is the one that gets to market. Intact.

So, for several years, Agway has been researching ways to combat the problem of poor shells and their adverse effect on poultry income.

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THOUGHT FOR THE WEEK:

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